ORC

03009023

VOID SHEET

TO: License Fee Management Branch

FROM: Susan L. Greene

SUBJECT: VOIDED APPLICATION

Control Number: 021837

Applicant: E. I. DuPont de Nemours & Co., Inc.

Date Voided: 12/12/96

Reason for Void: Application abandoned by applicant after license review.

Susan L. Greene 12/12/96
Signature Date
NMSS/IMNS/IMAB

Attachment:
Official Record Copy of
Voided Action

FOR LFMB USE ONLY

Final Review of VOID Completed:

- ☐ Refund Authorized and processed
- ☒ No Refund Due
- ☐ Fee Exempt or Fee Not Required

Comments:

Log completed ☑ 01

Processed by: MLO

Cy to RI

021117

changes of ownership or control occur without prior written consent from NRC may be treated as noncompliance with the provisions in Section 30.46(b).

If you have any questions concerning this action, please contact me at (301) 415-7843.

Sincerely,

ORIGINAL SIGNED BY

Susan L. Greene
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards

Docket No. 030-09023

Enclosure: Ltr dtd 6/28/96

DISTRIBUTION:
License File 20-00320-14E
IMAB r/f
SBaggett

DOCUMENT NAME: G:\DUPONT.slg

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OFFICE	NMSS:IMAB	C								
NAME	SLGreene:cjb									
DATE	12/12/96									

OFFICIAL RECORD COPY

December 12, 1996

E.I. DuPont de Nemours & Co., Inc.
Medical Products/Imaging Systems
NEN Products
ATTN: Leonard R. Smith
Radiation Protection Officer
549 Albany Street
Boston, Massachusetts 02118

Dear Mr. Smith:

This concerns your application dated May 21, 1996, to amend NRC License No. 20-00320-14E; your June 25, 1996, letter providing additional information; my letter June 28, 1996, letter (copy enclosed), which advised that NRC does not have any objection to the proposed change of ownership with the proper amendments to your possession and use, and exempt distribution licenses; and our telephone conversation of September 16, 1996, concerning the change of ownership. During this conversation, you informed me that it was expected that the sale and subsequent change of ownership would be completed by the end of October, at which time I notified you that if the sale was not completed in October, and the additional information submitted shortly thereafter concerning the sale, that NRC would consider your application as having been abandoned by you.

As of the date of this letter, I have received no further notification from you as to the status of the sale, nor any additional information. Therefore, NRC considers your application as having been abandoned and has voided the active control for your amendment request. This action is without prejudice to the resubmission of another application. Should you decide to resubmit your application within 1 year of the date of this notice, with the necessary additional information and provided there are not changes to your request, an additional fee will not be required. If you do decide to resubmit, you should reference your earlier submissions, note the fact that you included an application fee with your earlier submission, and reference Mail Control No. 021837.

You should note that Section 30.34(b) of 10 CFR Part 30 states that: "No license issued or granted to the regulations in this part, and Parts 31 through 36, and 39, nor any right under a license shall be transferred, assigned, or in any manner disposed of, either voluntarily or involuntarily, directly or indirectly, through transfer of control of an license to any person, unless the Commission shall, after securing full information, find that the transfer is in accordance with the provisions of the Act and shall give its consent in writing." The regulations are clear that control of licenses cannot be transferred without prior written permission from the Commission. You should be aware that cases where

TELEPHONE LOG	
CONTACT: Mr. Leonard Smith	**DATE:** September 16, 1996
TELEPHONE NO.:	**ORGANIZATION:** E.I. duPont
TYPE: Visit Conference	Telephone: In XX Out
SUBJECT: License application	

SUMMARY: I talked with Mr. Smith about his license application concerning a change of ownership for E.I. duPont. He said that the deal has still not been completed, but that he believes that we are looking at an October date for the completion of the sale. He said that he will let me know when the deal has been completed.

I informed him that if the change of ownership doesn't happen in October that we will probably have to void the action out, but that he can resubmit within the year with no fees.

SUMMARY CONTINUED:

ACTION REQUIRED: Put an extension in until November

PERSON DOCUMENTING CONVERSATION: Susan L Greene

DISTRIBUTION: license file

June 28, 1996

E.I. DuPont de Nemours & Co., Inc.
ATTN: Mr. Leonard Smith, CHP
Radiation Protection Officer
Medical Products/NEN Products
549 Albany Street
Boston, Massachusetts 02118

Dear Mr. Smith:

I am responding to your letter and application dated May 21, 1996, requesting an amendment to NRC License No. 20-00320-14E to accommodate a change of ownership and name of licensee.

Based on the information provided, NRC does not have any objections to the proposed change of ownership with the amendment to the exempt distribution license being affected as soon as the divesture of the business takes place and the possession and use license, No. 20-00320-21, is amended.

As we discussed on June 25, 1996, you may continue to use existing labels and product brochures or instructions until such time as the supply is depleted or 1 year from the effective date of the amendment of your license. However, you should provide samples or descriptions of the new labels and brochures indicating the changes and then, upon receipt, forward a copy of the new labels and brochures for inclusion in your license file.

If you have any questions, please feel free to contact me at (301) 415-7843.

Sincerely,

Original signed by:

Susan L. Greene
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards

DISTRIBUTION:
Docket File
NMSS r/f
IMNS c/f
IMAB r/f
SGreene
LWCamper

Docket No. 030-09023

DOCUMENT NAME: G:\DUPONT.SLG

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

OFFICE	NMSS/IMAB									
NAME	SLGreene:cjb									
DATE	06/28/96									

OFFICIAL RECORD COPY

E.I. DU PONT DE NEMOURS & CO. (INC.)
MEDICAL PRODUCTS DEPARTMENT

June 25, 1996

U. S. Nuclear Regulatory Commission
Medical, Academic and Commercial Use Safety Branch
Division of Industrial and Medical Nuclear Safety, NMSS
Washington, DC 20555

Attention: Susan L. Greene

Subject: License Amendment

Reference: Application to Amend Material License
Number 20-00320-14E

Dear Mr. Greene,

Thank you for your assistance in simplifying this license amendment application. We understand that it is not necessary to send new labels and instructions under separate cover as originally requested. Instead we confirm that the new labels and instructions will contain the same symbols and wording as those in current use and that only the name of the company will be changed. The new labels and instructions will therefore continue to include wording, etc. that meets the requirements of 10 CFR 32.19. When available, we shall send you copies of these labels and instructions for your records.

Also we confirm that there will be no substantive changes in the manufacture and distribution of licensed materials. This information was conveyed to Region 1 staff on April 10, 1996 in our application to amend Materials License Number 20-00320-21 to accommodate the anticipated change in ownership. This application was prepared in conformance with the recommendations in NRC Information Notice 89-25, Rev. 1.

Again we thank you for your assistance. If you need any further information or clarification I can be contacted at 617-350-9111.

Sincerely yours,

L R Smith

Leonard R. Smith, CHP
Radiation Protection Officer

MEDICAL PRODUCTS DEPARTMENT
549 Albany Street, Boston, Massachusetts 02118 Telephone 617-482-9595 Fax (617) 542-8468

030-09023

E.I. DU PONT DE NEMOURS & CO. (INC.)
MEDICAL PRODUCTS DEPARTMENT

May 21, 1996

U. S. Nuclear Regulatory Commission
Medical, Academic and Commerical Use Safety Branch
Division of Industrial and Medical Nuclear Safety, NMSS
Washington, DC 20555

Attention: Susan L. Greene

Subject: License Amendment

Reference: Material License Number 20-00320-14E
Docket Number 030-09023
Control Number 021670

Dear Ms. Greene:

The enclosed application is submitted to amend license number 20-00320-14E in its entirety to accommodate a change of ownership and name of licensee.

DuPont has negotiated sale of substantially all its NEN Products business assets to NEN Life Sciences Company. Closing is scheduled for July this year. We request continued authorization to distribute, pursuant to 10 CFR 32.18, and 10 CFR 32.19 radiolabeled research compounds in quantities specified in 10 CFR 30.71, Schedule B to persons exempt from licensing pursuant to 10 CFR 30.18 or equivalent provisions of the regulations of any Agreement State.

There are no substantive changes to this license except the change of ownership and name. Exempt quantities shall continue to be distributed from the licensed facilities at 575 Albany Street, 100 E. Canton Street and 120 E. Dedham Street all in Boston, MA 02118. The conditions for possession and use of radioactive material are specified in Material License Number 20-00320-21 submitted for amendment on April 10, 1996 to accommodate the change in ownership.

MEDICAL PRODUCTS DEPARTMENT
549 Albany Street, Boston, Massachusetts 02118 Telephone 617-482-9595 Fax (617) 542-8468

021837

Exempt quantities are distributed in combi vials, NENSURE® vials or flame sealed ampoules. Samples of labels and instructions in current use are provided in the previous application.

We request that we may continue to use existing stocks of labels and instructions for up to one year following the effective date of this amendment. We also request that we may submit under separate cover new labels and instructions that are substantially similar to those in current use except that the company name and logo be changed where appropriate and the layout adjusted where necessary to accommodate these changes. These new labels and instructions will replace the existing ones, but will not be issued until approved by appropriate regulatory agencies.

To facilitate the divestiture of the NEN Products business we would appreciate if the NRC sends us written confirmation of the approval of this application to indicate that the amendment will be effective on the day of Closing. We would appreciate this written response in early June to ensure that we meet other regulatory timelines.

Please call the undersigned at 617-350-9111 if you need clarification or further information. We appreciate your assistance.

Sincerely yours,

Leonard R. Smith, CHP
Radiation Protection Officer

Enclosures: Application for License Amendment
Duplicate Copy of Application
Check for Amendment Application

cc: K. Brown, NRC Region 1

NRC FORM 313 (6-93)
10 CFR 30, 32, 33, 34, 35, 36, 39 and 40

U. S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR MATERIAL LICENSE

APPROVED BY OMB: NO. 3150-0120
EXPIRES 6-30-96

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 9 HOURS. SUBMITTAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, NW, SUITE 2900
ATLANTA, GA 30323-0199

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
801 WARRENVILLE RD
LISLE, IL 60532-4351

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

RADIOACTIVE MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION V
1450 MARIA LANE
WALNUT CREEK, CA 94596-5368

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR *(Check appropriate item)*

- [ ] A. NEW LICENSE
- [X] B. AMENDMENT TO LICENSE NUMBER 20-00320-14E
- [ ] C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT *(Include Zip code)*

See attached

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

575 Albany Street, 100 E. Canton Street, and
120 E. Dedham Street all in Boston
Massachusetts 02118

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Leonard Robert Smith

TELEPHONE NUMBER
617-350-9111

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5	RADIOACTIVE MATERIAL a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.	6	PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.
7	INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.	8	TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.
9	FACILITIES AND EQUIPMENT.	10	RADIATION SAFETY PROGRAM.
11	WASTE MANAGEMENT.	12	LICENSEE FEES. *(See 10 CFR 170 and Section 170.31)* FEE CATEGORY 3I AMOUNT ENCLOSED $ 840

13. CERTIFICATION. *(Must be completed by applicant)* THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749, MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER – TYPED/PRINTED NAME AND TITLE	SIGNATURE	DATE
Leonard R. Smith, Radiation Protection Officer		5/21

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			$		
APPROVED BY			DATE		

APPLICATION FOR LICENSE AMENDMENT

ITEM 2 NAME AND MAILING ADDRESS OF APPLICANT

1. The name and mailing address of the present licensee and applicant is E. I. DuPont de Nemours and Company (Inc.), Medical Products, NEN Products, 549 Albany Street, Boston, Massachusetts 02118.

2. Following completion of the transfer of ownership, subject to NRC approval, the name of the licensee will be NEN Life Sciences Company at the same mailing address.

APPLICATION FOR LICENSE AMENDMENT

ITEMS 5 THROUGH 11

For items 5 through 11 from NRC Form 313 see materials license number 20-00320-21 attached. An application to amend Materials License number 20-00320-21 was submitted to the NRC Region 1 on 4/10/96.

Formal written procedures are maintained on file, for regulatory inspection, to ensure the quality of exempt products and their safe packaging, labeling and distribution.

(7-94) U.S. NUCLEAR REGULATORY COMMISSION ____ OF ____ PAGES

MATERIALS LICENSE

Amendment No. 13

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee	
1. E. I. du Pont de Nemours & Co., Inc. Medical Products/Imaging Systems NEN Products 2. 549 Albany Street Boston, Massachusetts 02118	In accordance with the letter dated November 23, 1994, 3. License Number 20-00320-21 is amended in its entirety to read as follows: 4. Expiration Date November 30, 1996 5. Docket or Reference No. 030-28902

6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License
A. Any byproduct material with atomic numbers 1 through 83	A. Any	A. Not to exceed 10 curies per radionuclide and 100 curies total
B. Any byproduct material with atomic numbers 84 through 94	B. Any	B. Not to exceed 50 millicuries per radionuclide and 2 curies total
C. Hydrogen 3	C. Any	C. 100,000 curies
D. Carbon 14	D. Any	D. 500 curies
E. Phosphorus 32	E. Any	E. 100 curies
F. Phosphorus 33	F. Any	F. 20 curies
G. Sulfur 35	G. Any	G. 400 curies

9. Authorized use

A. through G.

(1) Research and development as defined in 10 CFR 30.4.
(2) For possession, use, and processing incident to manufacture of radiochemicals, radiopharmaceuticals and sealed sources.
(3) For storage prior to distribution of manufactured radiochemicals, radiopharmaceuticals and sealed sources.
(4) For packaging and distribution of manufactured radiochemicals, radiopharmaceuticals, and sealed sources to persons authorized to receive the licensed material pursuant to the terms and conditions of specific licenses issued by the Nuclear Regulatory Commission or Agreement States.
(5) For use in calibration of DuPont Medical Products/Imaging Systems, NEN Products instruments.
(6) For storage as radioactive wastes.
(7) For transfer of waste to the Du Pont Merck Pharmaceutical Company facility in Billerica for storage prior to disposal and/or processing.

CONDITIONS

10. Licensed material in Items 6.A. through 6.G. may be used only at the licensee's facilities at 575 Albany Street, 100 East Canton Street, and 120 and 123 East Dedham Street, Boston, Massachusetts.

11. A. Licensed material shall be used by, or under the supervision of, individuals designated by the licensee's Radiation Safety Committee, Philip D. Stewart, Chairman.

B. The Radiation Protection Officer for this license is Leonard R. Smith.

12. This license does not authorize commercial distribution to persons exempt from licensing, to persons generally licensed or for medical use pursuant to Sections 35.14 and 35.31, of 10 Part 35 (superseded April 1, 1987) or Section 35.11 of 10 CFR Part 35.

13. A. Sealed sources and detector cells containing licensed material shall be tested for leakage and/or contamination at intervals not to exceed six months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed three years.

B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three months.

C. In the absence of a certificate from a transferor indicating that a leak test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.

D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.

E. Sealed sources and detector cells need not be leak tested if:

(i) they contain only hydrogen-3; or

(ii) they contain only a radioactive gas; or

(iii) the half-life of the isotope is 30 days or less; or

(iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or

(v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transfer to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

F. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source or detector cell shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within five days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety Branch, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The report shall specify the source or detector cell involved, the test results, and corrective action taken.

G. The licensee is authorized to collect leak test samples for analysis by licensee. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

14. The licensee shall not use licensed material in or on humans beings or in field applications where activity is released except as provided otherwise by specific conditions of this license.

15. In lieu of using the conventional radiation caution colors (magenta or purple on yellow background) as provided in 10 CFR 20.1901(a)(1), the licensee is hereby authorized to label detector cells and cell baths, containing licensed material and used in gas chromatography devices, with conspicuously etched or stamped radiation caution symbols without a color requirement.

16. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory.

17. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material".

18. The licensee shall maintain and execute the response measures of the Emergency Plan for the Boston Site as revised in its entirety dated January 13, 1993, as referenced in the application dated November 23, 1994. The licensee shall also maintain procedures as necessary to implement the plan. The licensee shall make no change in the Emergency Plan that would decrease the response effectiveness of the plan without prior Commission approval as evidenced by license amendment. The licensee may make changes to the Emergency Plan without prior Commission approval if the changes do not decrease the response effectiveness of the plan, and shall maintain records of such changes for a period of two years from the date of the change and shall furnish the Chief, Nuclear Materials Safety Branch, Division of Radiation Safety and Safeguards, U.S. Nuclear Regulatory Commission, Region I, 475 Allendale Road, King of Prussia, Pennsylvania 19406, a report, in duplicate, containing a description of each change within six months after the change is made.

19. The licensee is authorized to hold radioactive material with a physical half-life of less than 120 days for decay-in-storage before disposal in ordinary trash, provided:

A. Waste to be disposed of in this manner shall be held for decay a minimum of ten half-lives.

B. Before disposal as ordinary trash, the waste shall be surveyed at the container surface with the appropriate survey instrument set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.

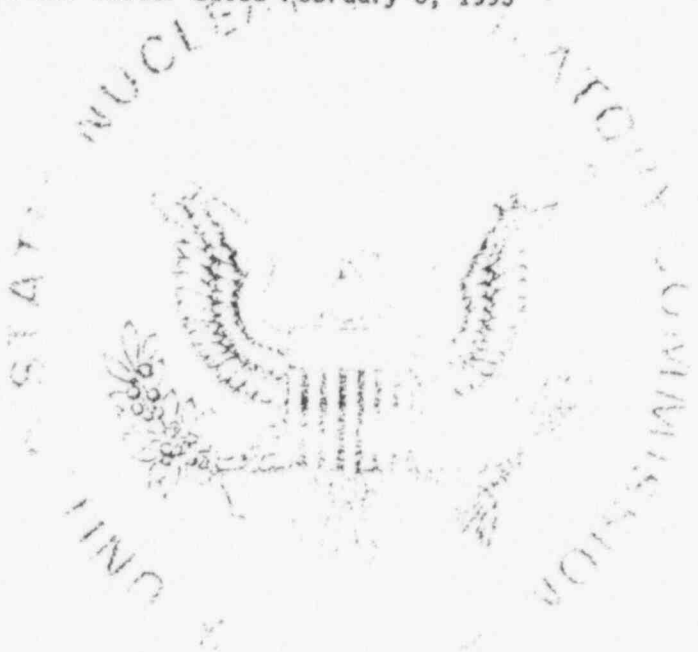
C. A record of each such disposal permitted under this License Condition shall be retained for three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number
20-00320-21
Docket or Reference number
030-28902
Amendment No. 13

20. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated November 23, 1994
B. Radiological Contingency Plan
received with the letter dated February 6, 1995



Date MAR 10 1995

For the U.S. Nuclear Regulatory Commission
Original Signed By:
By Tara Weidner
Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406

R1201021 LICENSING TRACKING SYSTEM DATE: 960528
PAGE: 1

LTS WORKSHEET

DOCKET NO : 03009023 LICENSE NO : 20-00320-14E STATUS: 0

MAIL CONTROL: 021837 RECEIPT DATE : 960524 ACTION TYPE: 4
DUE DATE : 960822

FED. GOVT : C INST. CODE : 00320 LICENSE REGION: 0

ISSUE DATE: 950719 ORIGINAL DATE: 830927 EXPIRATION DATE: 20000731

NAME : E. I. DU PONT DE NEMOURS & CO., INC DECOM FIN ASSUR REQD: N
SUBM: _

DEPT/BUREAU: MEDICAL PRODUCTS/IMAGING SYSTEMS CONT PLAN REQD: N APPRV: _

BUILDING : NEN PRODUCTS

STREET : 549 ALBANY STREET

CITY : BOSTON STATE: MA ZIP: 02118

CONTACT PERSON: LEONARD R. SMITH PHONE: 617-350-9111

PRIMARY PGM CODE : 03253 SECONDARY PGM CODES: _____

INSPECTION REGION: 1 PRIORITY CODE: 5 INSPECTION CATEGORY: E

RADIATION SAFETY OFFICER: LEONARD R. SMITH

STATES WHERE USE IS AUTHORIZED: 1
0 - ALL LISTED STATES
1 - SAME AS STATE IN ADDRESS
2 - ALL STATES
3 - NON-AGREEMENT STATES

AUTHORIZED STATES: _____ (USE ONLY IF ABOVE IS ZERO)

REPORTING IDENTIFICATION SYMBOL: _____

APPROVAL FOR: REDISTRIBUTION: N STORAGE ONLY: N
TEMPORARY JOB SITES: N INCINERATION: N
BURIAL: N

EXEMPTIONS: (1)_____ (2)_____

VOID - 12/12/96
application
abandoned by
applicant

MATERIAL TYPE : NPA FORM CODE: NPA AGGREGATE CODE: NPA
MODEL NUMBER : ____________________ __________
DESCRIPTION : __________
TOTAL QUANTITY : 0000000.000000000 UNIT __
OTHER : _ # SOURCES: ___

MATERIAL TYPE : ________ FORM CODE: ___ AGGREGATE CODE: ___
MODEL NUMBER : ______________________________
DESCRIPTION : ______________________________
TOTAL QUANTITY : _____________ UNIT: ___
OTHER : _ # SOURCES: ___

MATERIAL TYPE : ________ FORM CODE: ___ AGGREGATE CODE: ___
MODEL NUMBER : ______________________________
DESCRIPTION : ______________________________
TOTAL QUANTITY : _____________ UNIT: ___
OTHER : _ # SOURCES: ___

MATERIAL TYPE : ________ FORM CODE: ___ AGGREGATE CODE: ___
MODEL NUMBER : ______________________________
DESCRIPTION : ______________________________
TOTAL QUANTITY : _____________ UNIT: ___
OTHER : _ # SOURCES: ___

MATERIAL TYPE : ________ FORM CODE: ___ AGGREGATE CODE: ___
MODEL NUMBER : ______________________________
DESCRIPTION : ______________________________
TOTAL QUANTITY : _____________ UNIT: ___
OTHER : _ # SOURCES: ___

MATERIAL TYPE : ________ FORM CODE: ___ AGGREGATE CODE: ___
MODEL NUMBER : ______________________________
DESCRIPTION : ______________________________
TOTAL QUANTITY : _____________ UNIT: ___
OTHER : _ # SOURCES: ___

MATERIAL TYPE : ________ FORM CODE: ___ AGGREGATE CODE: ___
MODEL NUMBER : ______________________________
DESCRIPTION : ______________________________
TOTAL QUANTITY : _____________ UNIT: ___
OTHER : _ # SOURCES: ___

NAME AUTHORIZATION

ADDRESS WHERE MATERIAL IS USED OR POSSESSED

	1	2
BUILDING:		
ROOM:		
STREET:	575 ALBANY STREET	100 E. CANTON STREET
CITY:	BOSTON	BOSTON
STATE:	MA	MA

	3
BUILDING:	
ROOM:	
STREET:	120 E. DEDHAM STREET
CITY:	BOSTON
STATE:	MA

DOCKET: 03009023 LIC: 20-00320-14E NAME: E. I. DU PONT DE NEMOURS & CO., INC

PARTY ISSUING MECHANISM:
NAME :
ADDR1:
ADDR2:
CITY :
STATE: ZIP:

ASSUR TYPE : _ (C=CERT D=DFP)
MECH TYPE :
MECH AMOUNT:
APPROVED? _ DATE:
EXPIRES ? _ DATE:

PARTY ISSUING MECHANISM:
NAME :
ADDR1:
ADDR2:
CITY :
STATE: ZIP:

ASSUR TYPE : _ (C=CERT D=DFP)
MECH TYPE :
MECH AMOUNT:
APPROVED? _ DATE:
EXPIRES ? _ DATE:

PARTY ISSUING MECHANISM:
NAME :
ADDR1:
ADDR2:
CITY :
STATE: ZIP:

ASSUR TYPE : _ (C=CERT D=DFP)
MECH TYPE :
MECH AMOUNT:
APPROVED? _ DATE:
EXPIRES ? _ DATE:

PARTY ISSUING MECHANISM:
NAME :
ADDR1:
ADDR2:
CITY :
STATE: ZIP:

ASSUR TYPE : _ (C=CERT D=DFP)
MECH TYPE :
MECH AMOUNT:
APPROVED? _ DATE:
EXPIRES ? _ DATE:

PARTY ISSUING MECHANISM:
NAME :
ADDR1:
ADDR2:
CITY :
STATE: ZIP:

ASSUR TYPE : _ (C=CERT D=DFP)
MECH TYPE :
MECH AMOUNT:
APPROVED? _ DATE:
EXPIRES ? _ DATE:

PARTY ISSUING MECHANISM:
NAME :
ADDR1:
ADDR2:
CITY :
STATE: ZIP:

ASSUR TYPE : _ (C=CERT D=DFP)
MECH TYPE :
MECH AMOUNT:
APPROVED? _ DATE:
EXPIRES ? _ DATE:

PARTY ISSUING MECHANISM:
NAME :
ADDR1:
ADDR2:
CITY :
STATE: ZIP:

ASSUR TYPE : _ (C=CERT D=DFP)
MECH TYPE :
MECH AMOUNT:
APPROVED? _ DATE:
EXPIRES ? _ DATE:

DOCKET NO: 03009023 LICENSE NUMBER: 20-00320-14E
NAME : E. I. DU PONT DE NEMOURS & CO., INC

MEDICAL QUALITY MANAGEMENT PROGRAM REQUIRED: N RECEIVED: _ APPROVED: _

DECOMMISSIONING FINANCIAL ASSURANCE REQUIRED: N SUBMITTED: _

CONTINGENCY PLAN REQUIRED: N APPROVED: _

DECAY-IN-STORAGE APPROVED: N HOLDING FOR < 10 HALF-LIVES APPROVED: _

T 1/2 > 65 DAYS, ISOTOPE(S): _____ _____ _____
_____ _____ _____

INTERIM STORAGE UP TO 1996: N

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 03253
Status Code: 0
Fee Category: 3I
Exp. Date: 20000731
Fee Comments: _____
Decom Fin Assur Reqd: N

LICENSE FEE TRANSMITTAL

A. REGION Hq RS

1. APPLICATION ATTACHED
   Applicant/Licensee: E. I. DU PONT DE NEMOURS & CO., INC
   Received Date: 960524
   Docket No: 3009023
   Control No.: 021837
   License No.: 20-00320-14E
   Action Type: Amendment

2. FEE ATTACHED $840
   Amount:
   Check No.: 52600065

3. COMMENTS

Signed C Boyle
Date 5/28/96

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered Y /)

1. Fee Category and Amount: 3I $840

2. Correct Fee Paid. Application may be processed for:
   Amendment ✓
   Renewal _____
   License _____

3. OTHER _____

Signed SK
Date 7/3/96

Log Jul 1 HQS
Remitter
Check No. 52600065
Amount $840
Fee Category 3I
Type of Fee AMD
Date Check Rec'd. 7/3/96
Date Completed 7/3/96
By: SK

96 MAY 29 AM 10:49