

## MATERIALS LICENSE

Amendment No. 09

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.

## OFFICIAL RECORD COPY

## Licensee

1. Allegheny University of the  
Health Sciences  
Center City Campus  
2. Radiation Safety Office  
3300 Henry Avenue  
Philadelphia, Pennsylvania 19129

In accordance with the letter dated  
July 16, 1996,

3. License Number 37-00467-35 is amended in  
its entirety to read as follows:

4. Expiration Date September 30, 2004

5. Docket or  
Reference No. 030-20830

6. Byproduct, Source, and/or  
Special Nuclear Material7. Chemical and/or Physical  
Form8. Maximum Amount that Licensee  
May Possess at Any One Time  
Under This License

A. Cesium 137

A. Sealed source  
(ISO-1000)

A. Not to exceed 720 curies  
per source and 2,880  
curies total

B. Cesium 137

B. Sealed Source (Nordion  
Model C-1001)

B. Not to exceed 708 curies  
per source and 708 curies  
total

C. Cesium 137

C. Sealed Source (Nordion  
Model C-440)

C. Not to exceed 2,000  
curies per source and  
4,000 curies total

## 9. Authorized use

- A. In AECL Model Gamma Cell 1000, Model D, Serial No. 25 Irradiator for the irradiation of material except explosives, flammables, or corrosives.  
B. In Nordion Gammacell 1000 Elite-A for the irradiation of material except explosives, flammables, or corrosives.  
C. In Nordion Gammacell 40 for the irradiation of material except explosives, flammables, or corrosives.

## CONDITIONS

10. Licensed material in item 6.A. may be used only at the licensee's facilities located at Allegheny University Hospitals, Center City, Division of Immunohematology, 5th Floor North Tower, Broad and Vine Streets, Philadelphia, Pennsylvania. Licensed material in Items 6.B. and 6.C. may be used only at the licensee's facilities located at DuPont Merck Glenolden Laboratory Building, 500 South Ridgeway Avenue, Glenolden, Pennsylvania.
- 11 A. Licensed material shall be used by, or under the supervision of, individuals who have been designated by the licensee's Radiation Safety Committee.
- B. The Radiation Safety Officer for this license is Theodore Villafana, Ph.D.

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PDR ADOCK 03020830  
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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

37-00467-35

Docket or Reference Number

030-20830

Amendment No. 09

12. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
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.

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License Number

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- G. The licensee is authorized to collect leak test samples for analysis by the 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 perform repairs or alterations of the irradiator involving removal of shielding or access to the licensed material. Removal, replacement, and disposal of sealed sources in the irradiator shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
15. The licensee shall conduct a physical inventory every six months to account for all sealed sources and devices containing licensed material received and possessed under the license.
16. The procedures contained in the manufacturer's instruction manual for the irradiator authorized by this license shall be followed and a copy of this manual shall be made available to each person using or having responsibility for the use of the device.
17. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
18. 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 September 16, 1983  
B. Letter dated March 15, 1984  
C. Letter dated October 12, 1993  
D. Letter dated June 14, 1994  
E. Letter dated August 15, 1996  
F. Letter received September 23, 1996

For the U.S. Nuclear Regulatory Commission

Original Signed By:

Eric H. Reber

Date SEP 27 1996

By

Nuclear Materials Safety Branch  
Region I  
King of Prussia, Pennsylvania 19406

SEP 27 1996

Christine Nezu, Ph.D.  
Associate Provost for Research  
Allegheny University  
of the Health Sciences  
Center City Campus  
Radiation Safety Office  
3300 Henry Avenue  
Philadelphia, PA 19129

Dear Dr. Nezu:

This refers to your license amendment request. Enclosed with this letter is the amended license. Please note that as part of this amendment, in accordance with 10 CFR 30.36, effective February 15, 1996, the expiration date of your license has been extended by a period of five years. Your new expiration date is stated in Item 4 of the license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

**Original Signed By:**

Eric H. Reber  
Nuclear Materials Safety Branch 3  
Division of Nuclear Materials Safety

License No. 3 00467-35  
Docket No. 030-20830  
Control No. 123473

Enclosure:  
Amendment No. 09

C. Nezu, Ph.D.  
Allegheny University  
of the Health Sciences  
Center City Campus

-2-

cc:  
Theodore Villafana, Ph.D.  
Radiation Safety Officer  
Allegheny University Hospitals  
East Falls  
Radiation Physics and Safety Office  
3300 Henry Avenue  
Philadelphia, PA 19129

DOCUMENT NAME: R:\WPS\MLTR\L3700467.35

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	N	DNMS/RI				
NAME	Reber/eh						
DATE	09/27/96	09/	/96	09/	/96	09/	/96

OFFICIAL RECORD COPY





Radiation Physics and Safety  
Center City - 762-4050  
Queen Lane - 842-6588

ALLEGHENY  
UNIVERSITY  
OF THE HEALTH SCIENCES

MS16  
L-3  
Broad & Vine  
Philadelphia, PA 19102-1102  
215-762-7000

2900 Queen Lane  
Philadelphia, PA 19129  
215-991-8100

Eric Reber  
U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

License No. 37-00467-35  
Control No. 1234-73

Dear Mr. Reber:

In response to our telephone conversation on August 28, 1996, the following confirmation of my answers to your questions.

1. Only trained employees of Allegheny University of the Health Sciences will use the irradiators.
2. Access to the irradiator rooms will be controlled (locked rooms with limited access) by Allegheny University. DuPont Merck is leasing the facility to Allegheny University. DuPont Merck facilities management personnel will have access to the irradiator facilities, but will not perform maintenance on the irradiator.
3. Both irradiator rooms will be exclusively used for irradiator operations. Room 168A has an electrical circuit breaker panel which may require access by the DuPont Merck facilities management staff.

Also, we discussed the issue of floor loading. The irradiators will be installed in the rooms indicated on the original amendment application dated August 15, 1996. Additional structural support will be added as necessary to accommodate the unit in room 168A.

If you have any additional questions please do not hesitate to contact me. The evaluation of the structural capacities and remedies delayed this response. At this point, however, we are anticipating a shipping date of October 1, 1996. If there are any outstanding issues let me know so that they can be promptly addressed and the current timetable can be maintained. Thank you for your prompt attention to this matter.

Sincerely,

Kent Lambert, MS, CHP  
Site Radiation Safety Officer

cc: C. Nezu, Ph.D., Associate Provost for Research  
W. VanDecker, M.D., Chairman, Radiation Safety Committee  
T. Villafana, Ph.D., Radiation Safety Officer  
K. Blank, M.D., Associate Dean for Research  
S. Ildstad, M.D.  
D. Pollicchia, Facilities Management Project Coordinator

123473

SEP 23 1996

FAX REC'D

Allegheny Health, Education and Research Foundation

Allegheny General Hospital • Allegheny Integrated Health Group • Allegheny University of the Health Sciences • Allegheny University Hospitals • St. Christopher's Hospital for Children

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TELEPHONE CONVERSATION RECORD	Date: August 28, 1996	Time: 10:45 am
Mail Control No.: 123473	License No.: 37-00467-35	Docket No.: 030-20830
Person Called: Kent Lambert	Organization: Allegheny University	Telephone Number: (215) 762-8768
Person Calling: Eric H. Reber / (215) 337-5276		
Subject: letter dated 8/15/96		
<p>Summary: Which personnel will use the irradiators. He stated that only Allegheny U. personnel will use the irradiators.</p> <p>Describe the control that you will exercise over the irradiators, especially considering that they will be in a building owned by someone else with a license. He stated that duPont's irradiator has been moved and that DuPont is in the process of terminating their Broad scope license.</p> <p>Describe how access to the key that locks the irradiators will be controlled.</p> <p>Describe any other activities that will be carried out in the rooms where the irradiators will be stored.</p>		
Action Required/Taken:		
Signature: <i>Eric H. Reber</i>		Date: 8/28/96

Christine Maguth Nezu, Ph.D.  
Associate Provost for Research



ALLEGHENY  
UNIVERSITY  
OF THE HEALTH SCIENCES

August 2, 1996

Ms. Pamela Henderson  
Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Dear Ms. Henderson:

The following is a supplement to our letter of July 16, 1996 sent by our Radiation Safety Officer (Dr. Theodore Villafana) informing the NRC of the name change of our institution from the Medical College of Pennsylvania and Hahnemann University to Allegheny University of the Health Sciences.

Amendments

- New management person over all licenses to be Christine Nezu, Ph.D., Associate Provost for Research. Dr. Nezu replaces Dr. Vincent Cristofalo.
- Dr. Nezu concurs with name changes on all licenses as specified in letter of July 16, 1996.
- Theodore Villafana, Ph.D. to be listed as Radiation Safety Officer on all licenses.
- Mailing address for correspondence to be:

Allegheny University Hospitals, East Falls  
Radiation Safety Office  
3300 Henry Avenue  
Philadelphia, PA 19129

Please feel free to contact Dr. Villafana at 215-842-6066 for any further information you may need concerning these amendment requests. In the future, Dr. Villafana will follow-up on any subsequent correspondence concerning our licensing. ✓

Sincerely,

Christine Nezu, Ph.D.  
Associate Provost for Research

dd

cc: Theodore Villafana, Ph.D.  
Radiation Safety Officer

*Silo*  
*NR consequences*  
*1 copy in (H) Broad base*  
*1 copy in MCP medical*  
*1 copy in MCP board*  
*Broad & Vile*  
Philadelphia, PA 19102-1192  
215-762-7000  
*copy to Ken*  
2900 Queen Lane  
Philadelphia, PA 19129  
215-991-8100

030-20830  
L3

123473  
Aug 20, 1996  
FAX REC'D 8/5/96





Radiation Physics and Safety  
Center City - 762-4050  
Queen Lane - 842-6588

ALLEGHENY  
UNIVERSITY  
OF THE HEALTH SCIENCES

Broad & Vine  
Philadelphia, PA 19102-1192  
215-762-7000

2900 Queen Lane  
Philadelphia, PA 19129  
215-991-8100

August 15, 1996

Sattar Lodhi  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

re: License No. 37-00467-35  
Docket No. 030-20830

### Expedited Review Requested

Dear Dr. Lodhi:

This is a request to amend the above referenced license to add two (2) irradiators as follows:

Irradiator Model	Gammacell 1000 Elite	Gammacell 40 Exactor
Radionuclide	Cesium 137	Cesium 137
Activity	708 Curies (1 source)	4000 Curies (2 sources at 2000 Ci each)
Source Model	Nordion C-1001	Nordion C-440
Use	Irradiate tissues, cells, and biological samples	Irradiate animals, tissues, cells, and biological samples
Location	DuPont Merck Glenolden Laboratory Bldg. 500 S. Ridgeway Avenue, Glenolden, PA First Floor, Room 168A	DuPont Merck Glenolden Laboratory Bldg. 500 S. Ridgeway Avenue, Glenolden, PA Ground Floor, Room AR-16

### Description of facilities:

#### Gammacell 1000 Elite

This unit will be housed on the first floor in room 168A. This room has a single entry way which will be locked when the irradiator is not in use. The room and floor has an automatically actuated fire suppression (water sprinkler) system. Flammable materials, explosives, and corrosives will not be used in the device.

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### Gammacell 40 Exactor

This unit will be housed on the ground floor in room AR16. The room has a single entryway which will be locked when the irradiator is not in use. A floor plan is enclosed. These rooms are in the laboratory animal care facility. The animal caretakers working in the area will not have access to the irradiator room. The room does not have an automatically actuated fire suppression system. Flammables, corrosives, and explosives will not be permitted in the room or used in the irradiator.

## **Radiation Levels**

### Gammacell 1000 Elite

Typical radiation levels around the unit are 0.3 millirem/hour on the back surface of the unit (i.e., the fiberglass cabinet), 0.05 millirem/hour on the left and right sides of the unit, 0.5 millirem/hour on the top of the unit, and 0.25 millirem per hour. Members of the public would not normally be in the irradiator room. The surrounding areas are laboratories and offices occupied by occupationally exposed radiation workers.

### Gammacell 40 Exactor

Typical radiation levels around the unit are 5 millirem per hour at the surface of the unit and 0.3 millirem per hour at 1 meter from the source. Surrounding rooms are an animal facility room, and a safety laboratory. Assuming: an occupancy of 8 hours per day, 5 days per week, 50 weeks per year; a distance of 8 feet from the source; the source is a point source; and interposing walls provide no shielding; an individual would receive less than 100 millirem in a year. The unit will be placed so that the sources are at least 8 feet away from any area occupied full time. It will be placed so that the sources are at least 4 feet away from any area occupied more than 2 hours per day.

## **Radiation Protection Program**

### Responsibility

All licensed activities at the Glenolden irradiator facility will be under the jurisdiction of the Allegheny University Radiation Safety Committee and its institutional radiation safety officer.

### Training

All irradiator operators will attend training performed by Nordion upon installation. Subsequent training will be accomplished by requiring the irradiator operators to read the respective operator's manuals and the operating and emergency instructions. The employee will be shown how to perform an irradiation and then required to perform the procedure while observed by the laboratory supervisor. The employees will sign forms indicating that the employee has read and understands the standard operating procedure. The laboratory supervisor or assistant supervisor certifies that the employee is competent and proficient.

### Surveys

The package(s) containing the sources will be surveyed upon arrival in accordance with 10 CFR 20.1906, including surveys for removable contamination and radiation levels. Upon installation, a survey will be performed of all surrounding restricted and unrestricted areas. The results of this survey will be kept on file for review. Radiation levels around the unit will be performed semiannually at the time leak tests are performed.

### Operating and Emergency Procedures

Written operating and emergency instructions will be prepared and provided to each person who uses the irradiator. These procedures will be posted in the irradiator rooms. The procedures will include:

- Step-by-step procedures for operation of the irradiator.
- Radiation doses and dose rates to irradiator operators.
- Methods to assure only authorized persons will use the irradiator.
- Inspections, test procedures, and maintenance to ensure that all safety interlocks, devices, and components associated with the irradiator are functioning properly. Prohibited modifications will also be stated.
- Emergency situations and procedures.

### Personnel monitoring

Initially, Allegheny University will monitor all irradiator operators with film dosimeters issued monthly or TLD's issued quarterly. The current vendor is Landauer, Inc.; however, Allegheny University may change vendors to another NVLAP vendor. If the results of monitoring demonstrate that radiation monitoring is not required based on 10 CFR 20.1502(a), Allegheny University may discontinue monitoring or may provide non-required (i.e., discretionary) monitoring as it deems appropriate.

All other radiation safety activities are as indicated on the existing license.

August 15, 1996

### Authorized Users

The irradiators will be use by or under the supervision of individuals authorized by the Allegheny University Radiation Safety Committee.

### Maintenance

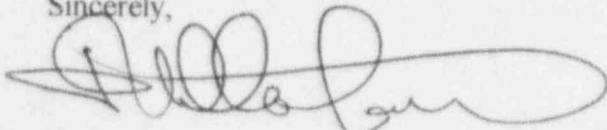
Allegheny University will perform or cause to be performed preventive maintenance as recommended by the manufacturer. Allegheny University will not perform any repairs or alterations of the irradiator involving removal of shielding or access to the licensed material.

### License Fees

Allegheny University is a not for profit educational institution, therefore, this request is exempt from fees.

Please feel free to contact Kent Lambert at 215-762-8768 or me if you have any questions regarding this license amendment request. Thank you in advance for your prompt review of this request.

Sincerely,



Theodore Villafana, Ph.D.  
Director, Radiation Physics and Safety  
Radiation Safety Officer

cc: C. Nezu, Ph.D., Associate Provost for Research  
W. VanDecker, M.D., Chairman, Radiation Safety Committee  
K. Lambert, Site Radiation Safety Officer  
K. Blank, M.D., Associate Dean for Research  
S. Ildstad, M.D.

**Allegheny University of the Health Sciences  
Irradiator Employee Orientation**

Name: \_\_\_\_\_  
(please print legibly)

**Gammacell 1000 Elite (Cell Irradiator)**

I certify that I have read and understand:

- ☐ Gammacell 1000 Elite Operator's Manual
- ☐ Operating and Emergency Procedures

I further certify that:

- ☐ I have been shown how to perform an irradiation
- ☐ I have performed an irradiation while being observed by my supervisor

**Gammacell 40 Exactor (Animal Irradiator)**

I certify that I have read and understand:

- ☐ Gammacell 40 Exactor Operator's Manual
- ☐ Operating and Emergency Procedures

I further certify that:

- ☐ I have been shown how to perform an irradiation
- ☐ I have performed an irradiation while being observed by my supervisor

\_\_\_\_\_  
Employee Signature

\_\_\_\_\_  
Date

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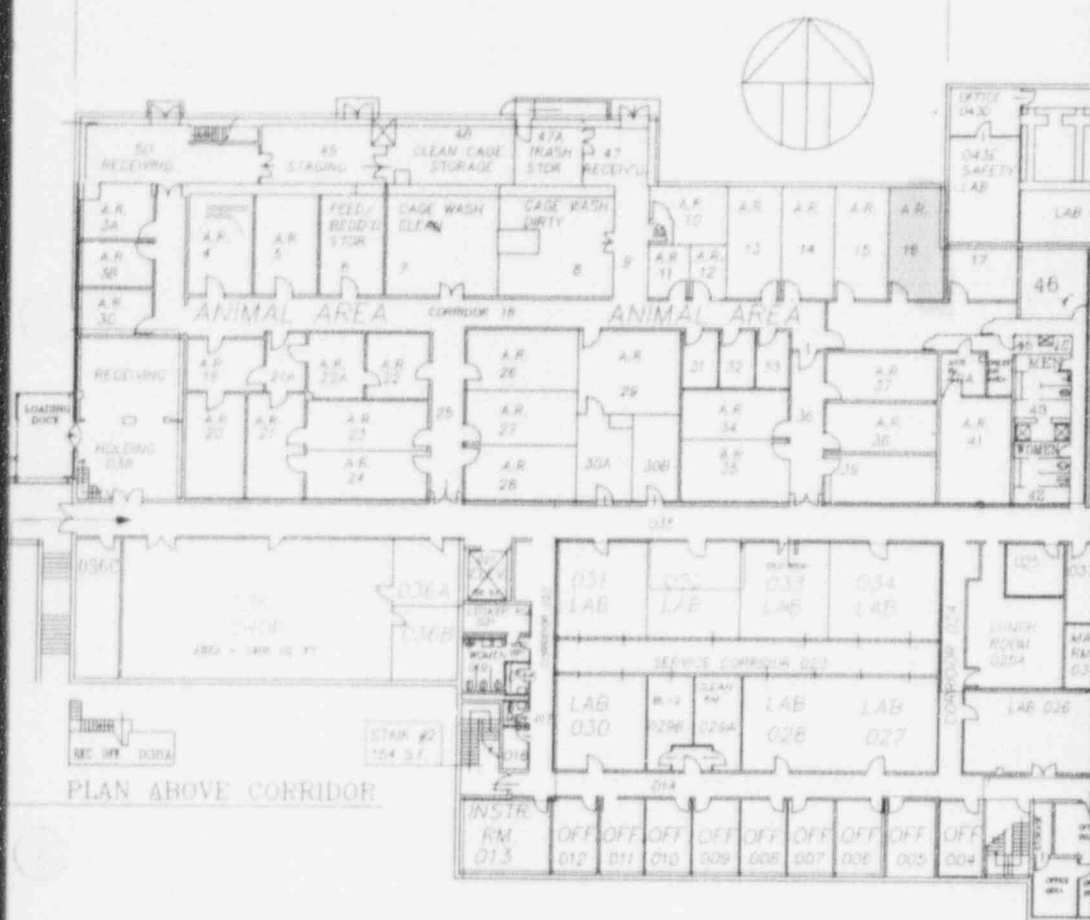
I certify that the above employee is proficient the above procedures:

\_\_\_\_\_  
Supervisor Signature

\_\_\_\_\_  
Date



# ANIMAL WING AT GROUND FLOOR

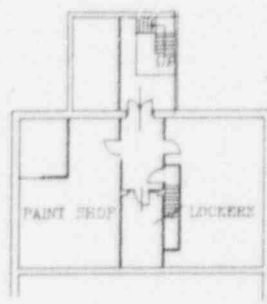
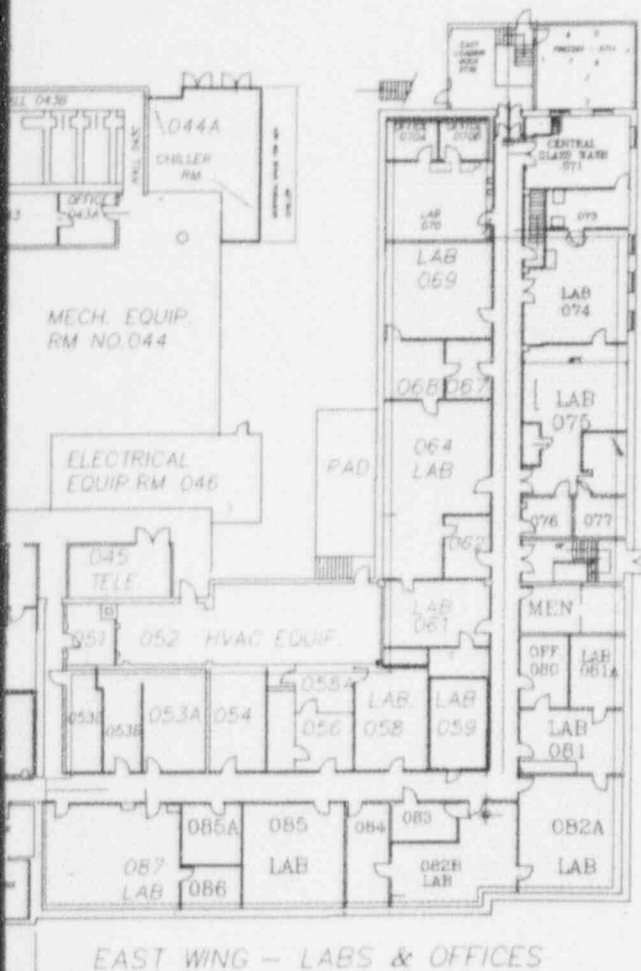


- LABS & OFFICES - WEST WING

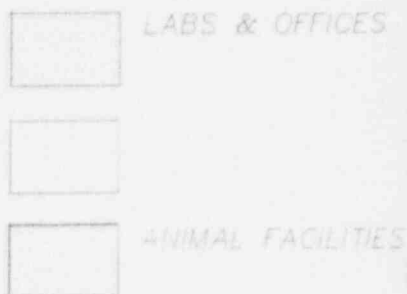
GLENOLDEN SITE

GROUND FLOOR - PLAN

SCALE 1" = 30'



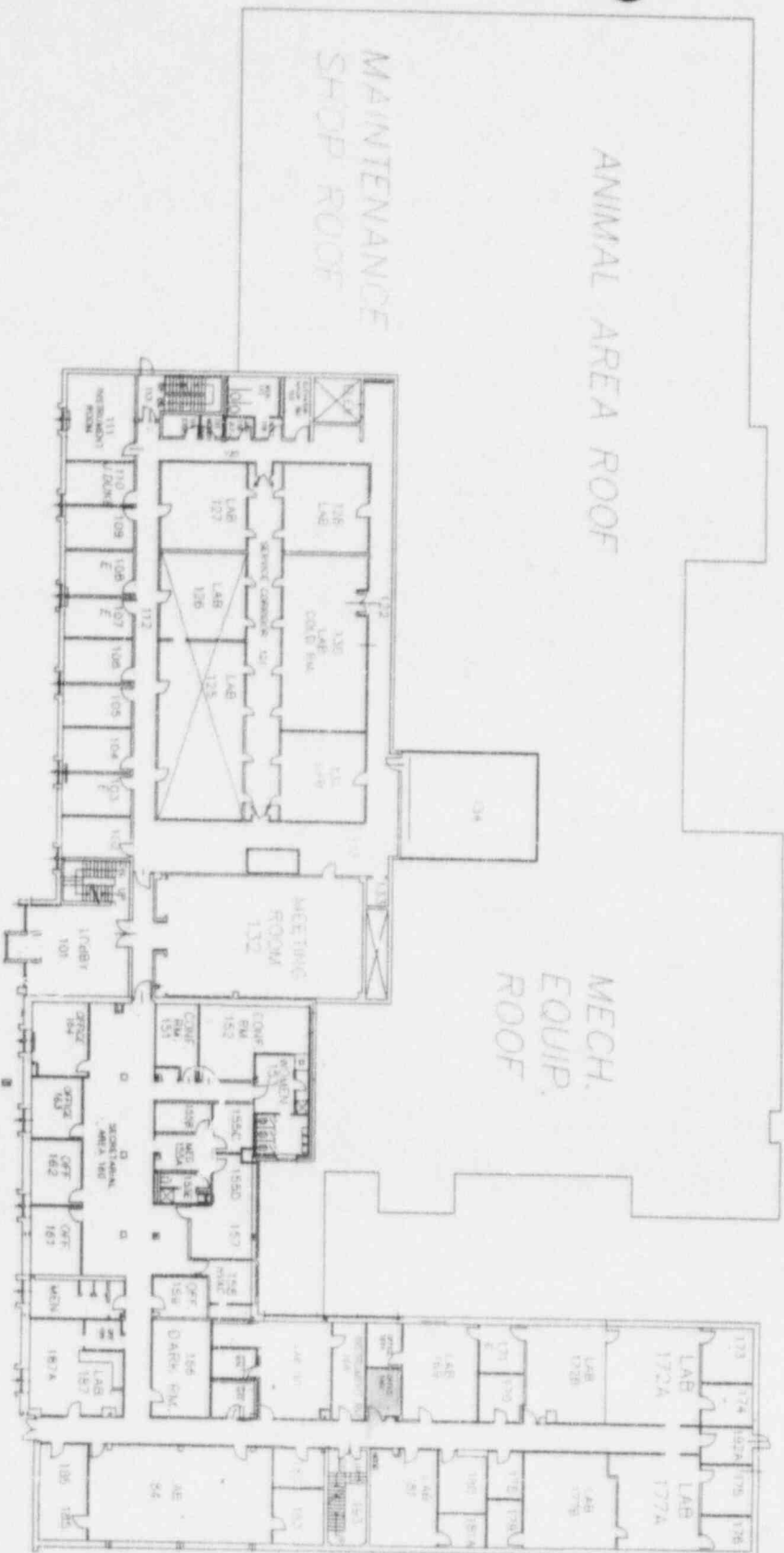
SUB-BASEMENT  
PLAN



# **ANSTEC APERTURE CARD**

Also Available on  
Aperture Card

9610070259-01



GLENOLDEN 1ST FLOOR PLAN  
SCALE 1" = 30'

25,544 SQ. FT.

ALCO FLE - NLC	REVISION 8/74/95
DESIGNED BY: J. J. JONES	DATE: 8/74/95
DRAWN BY: J. J. JONES	DATE: 8/74/95
CHECKED BY: J. J. JONES	DATE: 8/74/95
APPROVED BY: J. J. JONES	DATE: 8/74/95
DRAWING NO. 01-ALCO-2	

<b>TELEPHONE CONVERSATION RECORD</b>		<b>Conversation Date:</b> July 29, 1996	
<b>Mail Control No.:</b> 123470, 123471, 123472, 123473, 123474		<b>License No.:</b> 37-07438-15 37-02562-01 SNM-1996 37-00467-35 SNM-1369	<b>Docket No.:</b> 030-12998 030-03022 070-03077 030-20830 070-01362
<b>Person Called:</b> Ted Villafana, Ph.D. Radiation Safety Officer		<b>Organization:</b> Allegheny University - Various	<b>Telephone Number:</b> (215) 842-6588
<b>Person Calling:</b> Pamela J. Henderson			
<b>Subject:</b> License Amendments dated July 16, 1996			
<b>Summary:</b>  Licensee requested name changes on five licenses. However, there were inconsistencies in mailing address, RSO, and management contact. Also, Dr. Villafana signed the letter requesting the name changes.  Licensee will send a letter requesting that the mailing address, RSO, and management contact be the same on all licenses. In addition, licensee will have management concur on the name change requests.			
<b>Action Required/Taken:</b> Await response.			
<b>Signature:</b> <i>P. Henderson</i>		<b>Date:</b> July 29, 1996	

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ALLEGHENY  
UNIVERSITY  
HOSPITALS  
EAST FALLS

Radiation Physics  
and Safety Office

3300 Henry Avenue  
Philadelphia, PA 19129  
215-842-6000  
phone 215-842-6588  
fax 215-843-5734

030-20830

July 16, 1996

Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Dear Sir/Madam:

Please be advised that our institute has recently undergone name changes. We request that our license be amended to reflect these changes.

Former Name	NRC License #	New Name
Medical College of Pennsylvania and Hahnemann University East Falls Campus	37-07438-15 (Broad License)	Allegheny University of the Health Sciences East Falls Campus
Medical College of Pennsylvania Hospital	37-02562-01 (Medical License) and 1996 SNM	Allegheny University Hospitals East Falls
Medical College of Pennsylvania and Hahnemann University Center City Campus	37-00467-34 (Broad License) 37-00467-35 and 1369 SNM	Allegheny University of the Health Sciences Center City Campus
Hahnemann University Hospital	(Medical license) Pending separation from broad license control #116791	Allegheny University Hospitals Center City

There will be no changes or transfers in administrative ownership, management, controls or commitment to compliance with all applicable regulatory and license conditions. It is strictly a name change.

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123473  
JUL 22 1996

Allegheny Health, Education and Research Foundation

Allegheny General Hospital • Allegheny Integrated Health Group • Allegheny University of the Health Sciences • Allegheny University Hospitals • St. Christopher's Hospital for Children

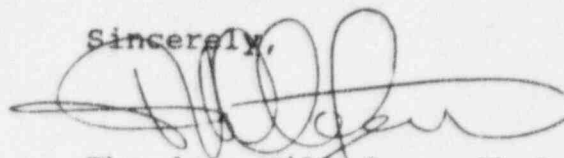


Nuclear Regulatory Commission  
July 16, 1996  
Page Two

Additionally, there are no changes in the Radiation Safety Program, Radiation Safety Committee nor in the assignment of radiation safety responsibilities.

One additional change is that Dr. Christine Nezu has replaced Dr. Vincent Cristofalo as Vice Provost for Research. The Radiation Safety Office now reports administratively to Dr. Nezu.

Sincerely,



Theodore Villafana, Ph.D.  
Radiation Safety Officer

TV:dmt

cc: Christine Nezu, Ph.D.  
Kent Lambert, M.S.

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM  
AND  
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)  
INFORMATION FROM LTS  
-----

PROGRAM CODE: 03510  
STATUS CODE: 0  
FEE CATEGORY: EX 3E  
EXP. DATE: 20040930  
FEE COMMENTS: 170.11(A)(4)EX EFF 7/  
DECOM FIN ASSUR REQD: N  
.....

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED  
APPLICANT/LICENSEE: HAHNEMANN UNIVERSITY  
RECEIVED DATE: 960722  
DOCKET NO: 3020830  
CONTROL NO.: 123473  
LICENSE NO.: 37-00467-35  
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: -----  
CHECK NO.: -----

3. COMMENTS

SIGNED  
DATE

M. A. Collins  
7/24

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MIL

1. FEE CATEGORY AND AMOUNT: EX 3E

**FREE EXEMPT**  
170.11(A)(4)

2. CORRECT FEE PAID: APPLICATION MAY BE PROCESSED FOR:

AMENDMENT -----  
RENEWAL -----  
LICENSE -----

3. OTHER -----

SIGNED  
DATE

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RECEIVED BY LFDCB	
Date	8/6/96
Log	Aug 3 <u>170</u>
By	BR
Date Completed	8/6/96

(Also en 123470, 123471, 123474,  
123472, 123476)