

## MATERIALS LICENSE

Amendment No. 38

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.

302118

Licensee		In accordance with letter dated November 12, 1996	
1. Stouder Memorial Hospital Department of Nuclear Medicine		3. License Number 34-06123-01 is amended in its entirety as follows:	
2. 920 Summit Avenue Troy, OH 45373		4. Expiration Date March 31, 2004	
		5. Docket or Reference No. 030-02755	
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 identified in 10 CFR 35.100	A. Any radiopharmaceutical identified in 10 CFR 35.100	A. As needed	
B. Any byproduct material identified in 10 CFR 35.200	B. Any radiopharmaceutical identified in 10 CFR 35.200 (excluding Xenon-133)	B. As needed	
C. Any byproduct material identified in 10 CFR 35.300	C. Any radiopharmaceutical identified in 10 CFR 35.300	C. As needed (not to exceed 1 curie of I-131)	
D. Any byproduct material identified in 10 CFR 35.400	D. Any brachytherapy sources identified in 10 CFR 35.400	D. As needed	
E. Any byproduct material identified in 10 CFR 31.11	E. Prepackaged Kits	E. As needed	
F. Uranium depleted in uranium-235	F. Solid Metal	F. Not to exceed 999 kilograms total possession limit	

## 9. Authorized Use:

A. Medical use described in 10 CFR 35.100.

260023

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License Number

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## 9. (Continued)

- B. Medical use described in 10 CFR 35.200 (excluding Xenon-133).
- C. Medical use described in 10 CFR 35.300.
- D. Medical use described in 10 CFR 35.400.
- E. In vitro studies.
- F. Shielding in a linear accelerator and shielding in molybdenum-99/technetium-99m generators.

CONDITIONS

- 10. Licensed material may be used at Stouder Memorial Hospital located at 920 Summit Avenue, Troy, Ohio. Materials listed in items 6.A., 6.B. and 6.E. may also be used at Piqua Memorial Medical Center located at 624 Park Avenue.
- 11.
  - A. The Radiation Safety Officer for Stouder Memorial Hospital is Tzy-Shan Lin, M.D.
  - B. The Radiation Safety Officer for Piqua Memorial Medical Center is Yagnesh R. Raval, M.D.
- 12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized UsersMaterial and Use

- |                           |   |
|---------------------------|---|
| A. Tzy-Shan Lin, M.D.     | 35.100, 35.200 (excluding Xenon-133),<br>35.300, 31.11 and Item 6.E.  |
| B. Nooranissa Pasha, M.D. | 35.100, 35.200 (excluding Xenon-133)<br>and 35.300 (excluding Iodine-131 for thyroid<br>Carcinoma therapy). |
| C. Giselle Bretz, M.D.    | 35.400.   |
| D. K. Chris Chung, M.D.   | 35.100 and 35.200 (excluding Xenon-133).  |

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## 12. (Continued)

Authorized UsersMaterial and Use

E. Thomas D. Brown, M.D.	35.400
F. Edward N. Hughes, M.D.	35.400
G. Yagnesh R. Raval, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
H. Stanton Hutton Craig, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
I. James B. Frost, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
J. David L. Brown, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
K. K. Chris Chung, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
L. Yoon On Chang, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
M. Carl Plotkin, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
N. Stephen F. Crowley, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and 35.11.

13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

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14. 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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. 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. Letters dated April 13, 1992, June 28, 1995, September 25, 1995, November 12, 1996; and
- B. ALARA Program dated August 13, 1980.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date February 4, 1997

By Louise J. Haster  
Nuclear Materials Licensing Branch, Region III

COPY

BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

(FOR LFMS USE)  
INFORMATION FROM LTS

R8

Program Code: 02120  
Status Code: 0  
Fee Category: 7C 2B  
Exp. Date: 20040331  
Fee Comments:  
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: STODER MEMORIAL HOSPITAL  
Received Date: 961209  
Docket No: 3002755  
Control No.: 302118  
License No.: 34-06123-01  
Action Type: Amendment

2. FEE ATTACHED

Amount: 440  
Check No.: 297086

3. COMMENTS

Signed  
Date

*D. Hersey*  
*12-11-96*

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

1. Fee Category and Amount: 7C 2B \$440

2. Correct Fee Paid. Application may be processed for:

Amendment ☒  
Renewal ☐  
License ☐

3. OTHER

Signed  
Date

*SC*  
*12/13/96*

DEC 18 1996

Log	Dec 5 III
Remitter	
Check No.	297086
Amount	\$440
Fee Category	7C 2B
Type of Fee	AMD
Date Check Rec'd	12/13/96
Date Completed	12/13/96
By	SC

1996 DEC 13 AM 8:47



624 Park Avenue  
Piqua, Ohio 45356  
513-778-6500

November 12, 1996

Materials Licensing Section  
USNRC Region III  
801 Warrenville Road  
Lisle, IL 60532-4351

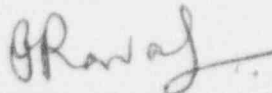
Dear Madam/Sir:

Enclosed is a check for \$440 to cover an amendment to our USNRC License Number 34-06123-01. We wish to amend our license to allow for the use of Tc-99m based radiopharmaceuticals for cardiac stress-testing in rooms that were not originally included in our submitted floor plans. Attached, please find floor plan layouts for both of our facilities identifying the proposed locations of use. Nuclear Medicine staff shall directly oversee and control the use of byproduct material in these specified areas. At no time shall byproduct material be stored overnight in these areas. The areas shall be controlled, secured, and posted appropriately between patients if byproduct material is present and not under the direct control of the Nuclear Medicine staff. Appropriate daily and weekly surveys for contamination shall be performed and recorded. Should contamination be present, the Nuclear Medicine staff shall have the authority to control the area until contamination is removed.

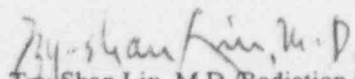
We also request that certain cardiologists be permitted to interpret some Nuclear Medicine cardiac studies while working under the supervision of an authorized user. Only cardiologists granted privileges by our Medical Executive Committee and approved by our Radiation Safety Committee shall be permitted to read and interpret the results of these studies. The Radiation Safety Committee, in approving a cardiologist, shall require that they function under the authorized user who shall be ultimately responsible for assuring proper radioactive material usage and oversight. The Radiation Safety Committee shall retain records identifying those cardiologists who will perform interpretation functions and the role under which they shall function. Our authorized users retain the right to continue the ability to interpret any and all byproduct material studies.

Should you have any questions, please feel free to contact us.

Sincerely,



Yagnesh Raval, M.D./ Radiation Safety Officer  
Piqua Memorial Medical Center



Tzy-Shan Lin, M.D./Radiation Safety Officer  
Stouder Memorial Hospital

/mkm

Attachments

RECEIVED

DEC 09 1996

REGION III

DEC 09 1996

302118

Pm: 12-6-96

6M-X

ROOM 2705

Nuclear Medicine

14831

2

Stouder

234'

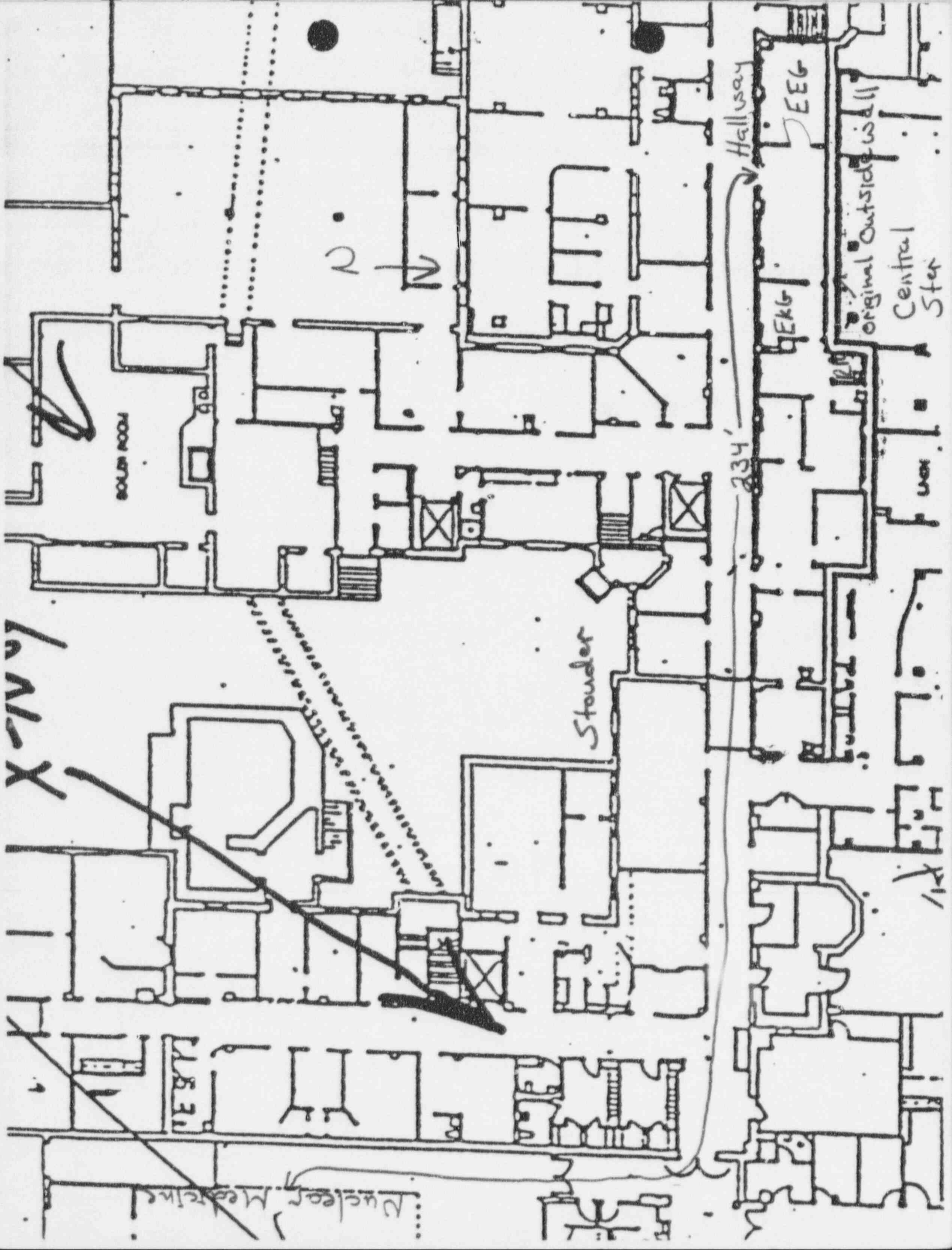
Hallway

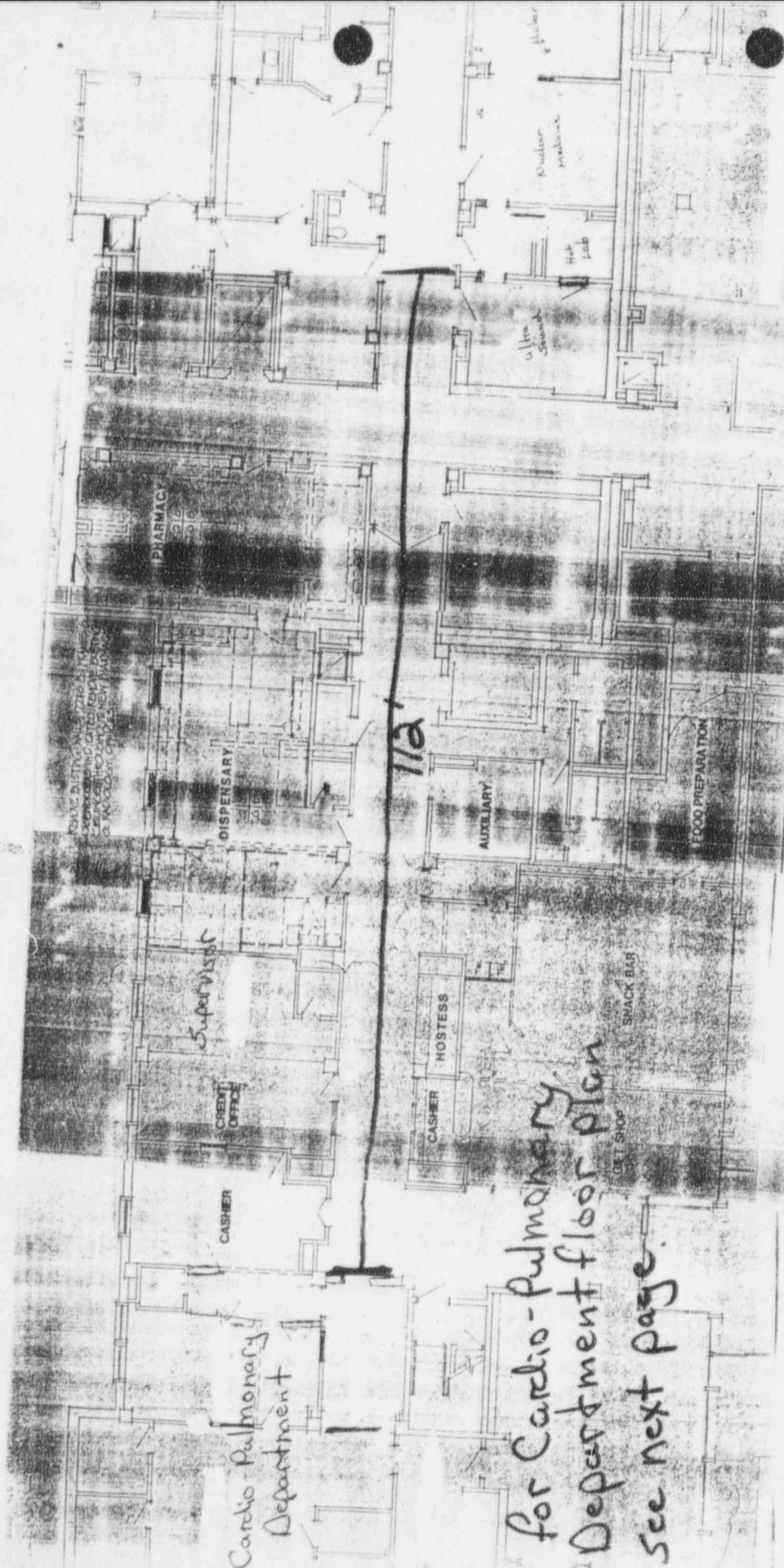
EEG

EEG

original Outside wall

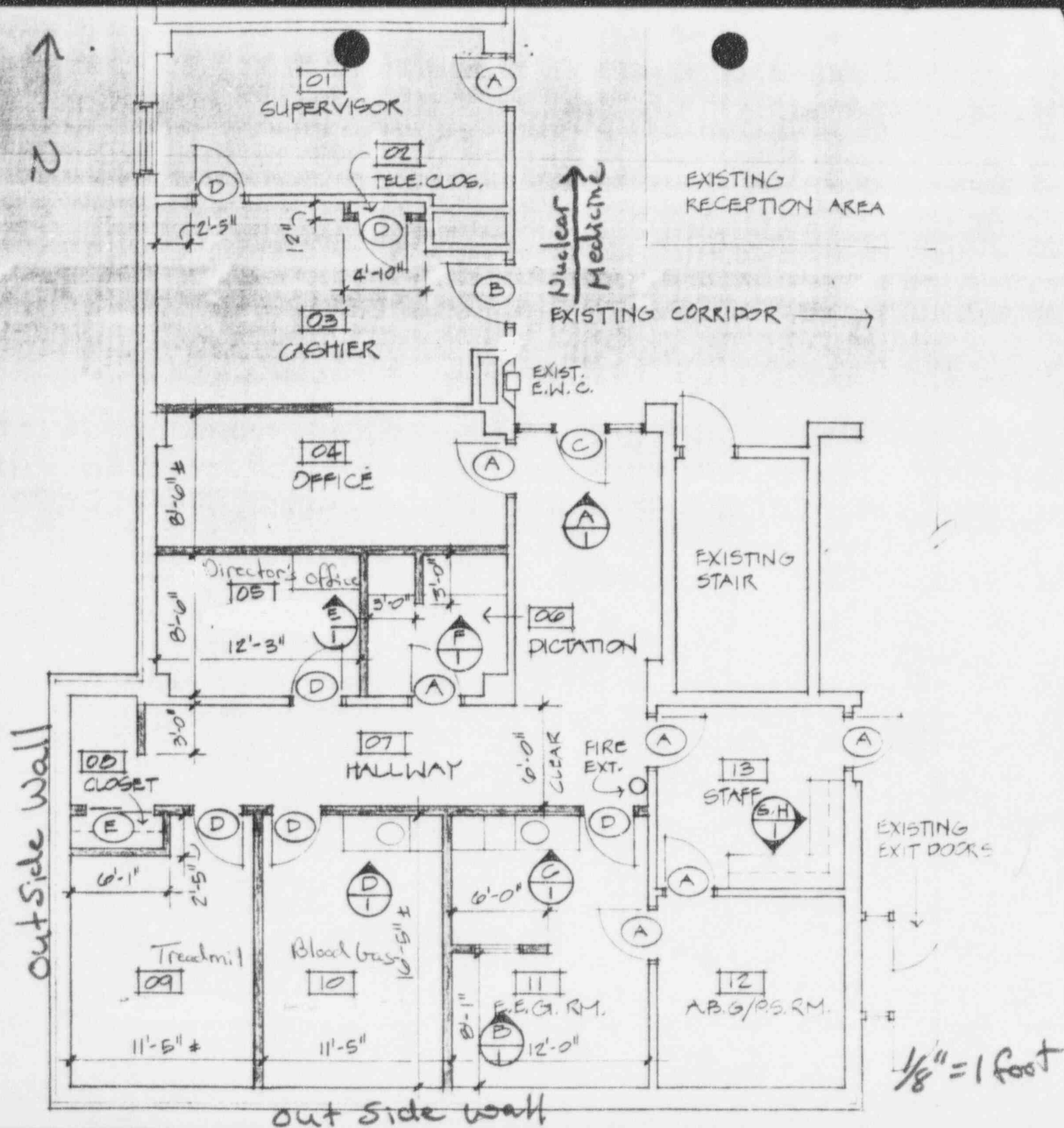
Central  
Ster





for Cardio-Pulmonary  
Department floor plan  
see next page.





FEB 05 1997

Michael Maiberger, Vice President  
Chief Operating Officer  
Stouder Memorial Hospital  
Department of Nuclear Medicine  
920 Summit Avenue  
Troy, OH 45373

Dear Mr. Maiberger:

Enclosed is Amendment No. 38 to your NRC Material License No. 34-06123-01 in accordance with your request.

Please note: we have added five years to the expiration dated listed on your license. You have received official notification from our headquarters office explaining the five-year extension. In the meantime, if you have any questions, please call me.

Also, please note we have add Dr. Stephen F. Crowley as our authorized user on your license in accordance with your notification letter to us dated July 19, 1996.

Regarding your request that certain cardiologists be permitted to interpret Nuclear Medicine Cardiac studies under the supervision of an authorized user, please be advised that such activity is considered to be a practice of medicine and as such is not regulated by the Nuclear Regulatory Commission. This policy does not relieve you from complying with any other applicable Federal or State requirements.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.

302118

2. Notify NRC, in writing, within 30 days:
  - a. When an authorized user or Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or
  - b. When the licensee's mailing address changes (no fee is required if the location of byproduct material remains the same).
3. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license when you decide to terminate all activities involving materials authorized under the license.
4. Request and obtain a license amendment before you:
  - a. Receive or use byproduct material for a clinical procedure permitted under Part 35 but not permitted by your license issued pursuant to this Part;
  - b. Permit anyone, except individuals described in 10 CFR 35.13(b), to work as an authorized user under the license;
  - c. Change Radiation Safety Officers;
  - d. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
  - e. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
  - f. Change ownership of your organization.
5. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

M. Maiberger

-3-

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

Original Signed By  
Loren J. Hueter  
Nuclear Materials Licensing Branch

License No. 34-06123-01  
Docket No. 030-02755

Enclosures:

1. Amendment No. 38
2. NRC Form 313

DOCUMENT NAME: M:\03002755.CL7

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

OFFICE	DNMS/RIII	<input checked="" type="checkbox"/>							
NAME	LJHueter:brt	<i>LJH</i>							
DATE	02/4/97								

OFFICIAL RECORD COPY



## CONVERSATION RECORD

TIME

DATE

1-29-97

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

NAME OF PERSON(S) CONTACTED OR IN CONTACT

ORGANIZATION (OFFICE, DEPT. ETC.)

TELEPHONE NO.

William Floyd, Program Manager, State of New Jersey

505-

SUBJECT

CN 302118

Radiation Program 827-1557

SUMMARY

Mr. Floyd confirmed that Groups I & II, Schedule C, Part 3, New Jersey Radiation Protection Regulations corresponds to 10 CFR 35.100 and 35.200 material under NRC.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Lorne Hunter

1-29-97

ACTION TAKEN

SIGNATURE

TITLE

DATE



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
801 WARRENVILLE ROAD  
LISLE, ILLINOIS 60532-4351

December 16, 1996

Tzy-Shan Lin, M.D.  
Radiation Safety Officer  
Stouder Memorial Hospital  
Department of Nuclear Medicine  
920 Summit Avenue  
Troy, OH 45373

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE  
(Letter Dated 11/12/96)

Dear Licensee:

In response to your request, we have completed the initial processing, which is an administrative review of your application for a(n):

☐ New License                      ☒ Amendment                      ☐ Renewal  
☐ Termination                      ☐ Auth User (Amendment not required)  
☐ Other \_\_\_\_\_

No administrative deficiencies were identified during this initial review. However, it should be noted that a technical review may identify omissions in the submitted information.

It appears that your request is routine (see 1-3 below, as applicable).

1. New and amendment actions are normally processed within 90 days, unless we find major deficiencies, or policy issues requiring central program office assistance.
2. Renewal actions are normally processed within 180 days, however, under timely filing (before expiration), you may continue to operate under your existing license.
3. Termination actions are normally processed within 90 days, unless confirmatory surveys following decontamination/decommissioning activities are involved.

A copy of your correspondence has been forwarded to our Licensing Fee and Debt Collection Branch (301/415-6097) for approval of the fee category and amount, if required.

If you have a compelling safety or business-related reason for requesting expedited review, please contact the Materials Licensing Branch at (630) 829-9887. We will try to complete your request as soon as practicable. Any correspondence about this request should reference the control number.

Nuclear Materials Support Branch

Mail Control No. 302118  
License No. 34-06123-01