

## MATERIALS LICENSE

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 1, 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.

301928

## Licensee

1. St. Joseph Hospital
2. 15855 19 Mile Road  
Mt. Clemens, MI 48043

In accordance with letter dated  
September 30, 1996  
3. License Number 21-11850-01 is amended in  
its entirety to read as follows:

4. Expiration Date June 30, 2004

5. Docket or  
Reference No. 030-021066. Byproduct, Source, and/or  
Special Nuclear Material7. Chemical and/or Physical  
Form8. Maximum Amount that Licensee  
May Possess at Any One Time  
Under This LicenseA. Any byproduct material  
identified in 10 CFR  
35.100A. Any  
radiopharmaceutical  
identified in 10 CFR  
35.100

A. As needed

B. Any byproduct material  
identified in 10 CFR  
35.200B. Any  
radiopharmaceutical  
identified in 10 CFR  
35.200

B. As needed

C. Any byproduct material  
identified in 10 CFR  
35.300C. Any  
radiopharmaceutical  
identified in 10 CFR  
35.300

C. As needed

D. Any byproduct material  
identified in 10 CFR  
31.11

D. Prepackaged Kits

D. As needed

E. Americium-241

E. Sealed source  
(Amersham/Searle Model  
No. AMC 24)E. 2 sources not to  
exceed 14 millicuries  
each

## 9. Authorized Use:

- A. Medical use described in 10 CFR 35.100.
- B. Medical use described in 10 CFR 35.200.
- C. Medical use described in 10 CFR 35.300.
- D. In vitro studies.
- E. For use as anatomical markers.

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9702050404 971211  
PDR ADCK 03002106  
C PDR

COPY

OK  
ML  
230  
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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License Number

21-11850-01

Docket or Reference Number

030-U2106

Amendment No. 35

- C. 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, the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region III, 801 Warrenville Road, Lisle, Illinois 60532, ATTN: Chief, Nuclear Materials Safety Branch. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.
- D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to perform such services.
14. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
15. 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. Application dated January 4, 1994 (excluding any reference made to QMP); and
- B. Letters dated May 26, 1994 and February 23, 1995, June 13, 1995 and September 30, 1996.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date December 11, 1996By Lidewater  
Nuclear Materials Licensing Branch, Region III

COPY

BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

LFMS USE)  
TRANSMISSION FROM LTS

Program Code: 02120  
Status Code: 0  
Fee Category: 7C  
Exp. Date: 20040630  
Fee Comments:  
Decon Fin Assur Req'd: N

55  
21

1996 OCT 11 PM 3:53

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: ST. JOSEPH HOSPITAL  
Received Date: 961008  
Docket No: 3002106  
Control No.: 301920  
License No.: 21-11850-01  
Action Type: Amendment

2. FEE ATTACHED

Amount: 440  
Check No.: 326642

3. COMMENTS

Signed D. Hersey  
Date 10-9-96

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

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

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

Amendment ☒  
Renewal ☐  
License ☐

3. OTHER

Signed SC  
Date 10/15/96

OCT 23 1996

Log	<u>OCT 7 '96</u>
Remitter	
Check No.	<u>326642</u>
Amount	<u>\$440</u>
Fee Category	<u>7C</u>
Type of Fee	<u>AmD</u>
Date Check Rec'd	<u>10-11-96</u>
Date Completed	<u>10-15-96</u>
By:	<u>SC</u>



HOSPITALS AND  
HEALTH SERVICES

15855 Nineteen Mile Road • Clinton Township, Michigan 48038 • (810) 263-2300

September 30, 1996

U.S. Nuclear Regulatory Commission  
Region III - Materials Licensing Section  
801 Warrenville Road  
Lisle, Illinois 60532-4351

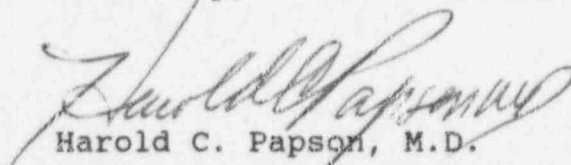
Re: Amendment to Materials  
License 21-11850-01

Dear Sirs:

We wish to amend our Materials License 21-11850-01 to add an area of use to our Nuclear Medicine Department. We would like to use current office space for an additional Nuclear imaging room, as noted on the enclosed facility diagram (A) and proposed room configuration (B).

Please contact me if you need any additional information. We have enclosed a hospital check for \$440 as payment for the amendment fee.

Sincerely,

  
Harold C. Papson, M.D.  
Radiation Safety Officer

HCP:mlb

RECEIVED

OCT 08 1996

REGION III

30/928

Pm: 10-4-96

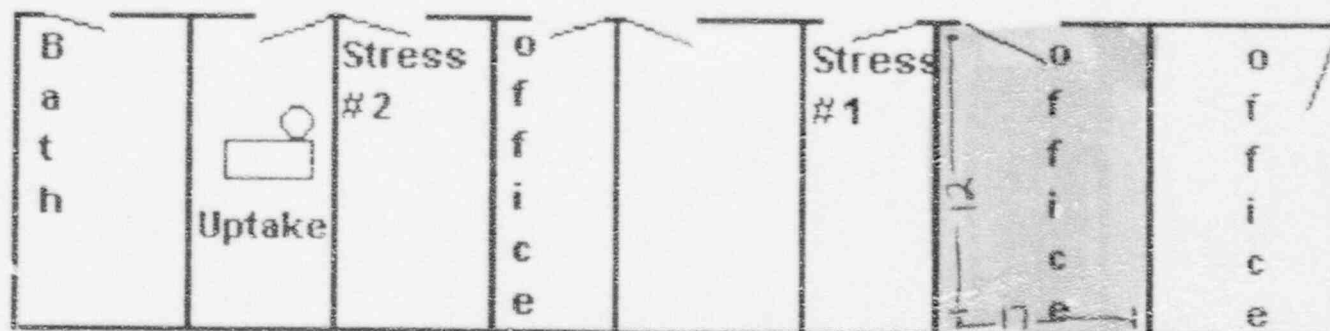
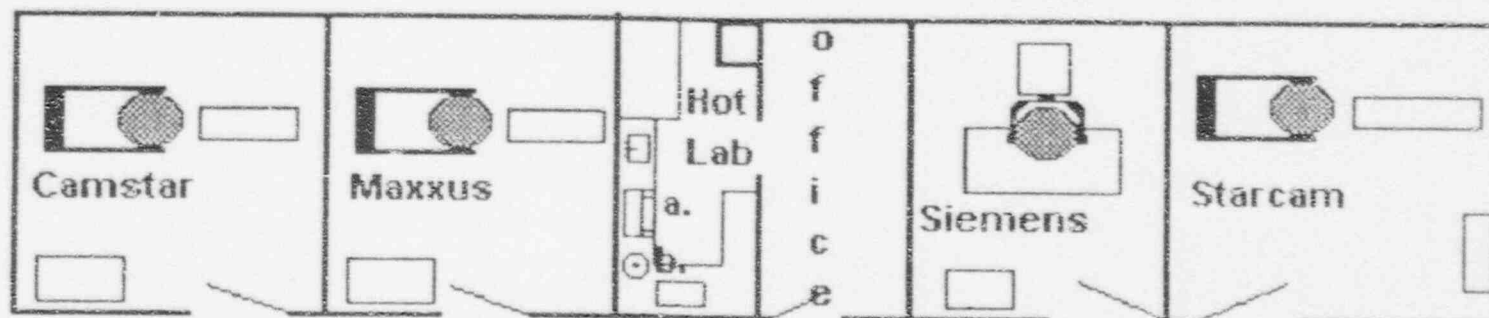


9/26/96

A.

## FACILITY DIAGRAM

### St. Joseph Hospital - West



(Clerical offices)

a. Dose Prep

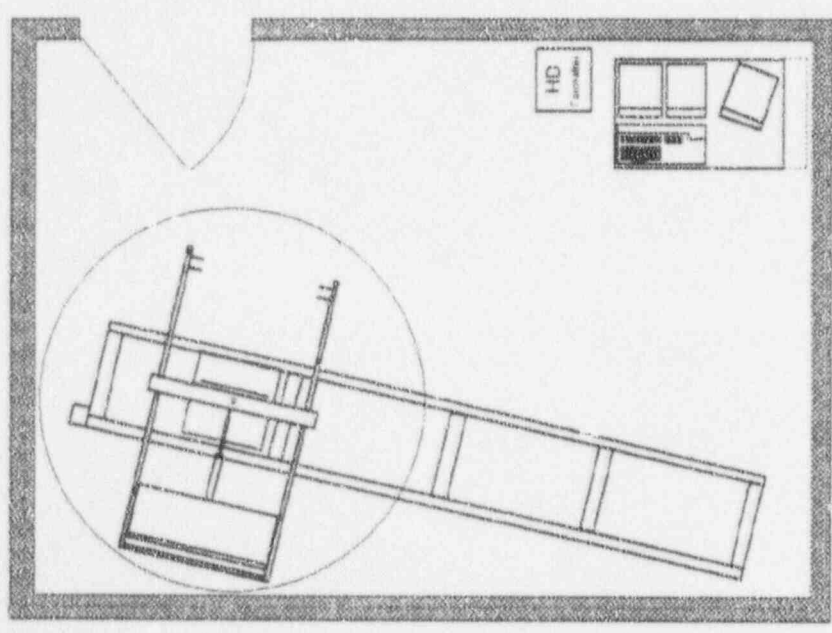
b. Dose Cal.

B.

St. Joseph Hospital West  
Nuclear Medicine Dept.

9/13/96

N ↑



12'

17'

JAN 10 1997

Harold C. Papson, M.D.  
Radiation Safety Officer  
St. Joseph Hospital  
15855 19 Mile Road  
Mt. Clemens, MI 48043

Dear Dr. Papson:

Enclosed is Amendment No. 35 to your NRC Material License No. 21-11850-01 in accordance with your request.

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.
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.

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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.

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,



H. Papson

-3-

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  
Gidget Watson  
Nuclear Materials Licensing Branch

License No. 21-11850-01  
Docket No. 030-02106

Enclosure: Amendment No. 35

DOCUMENT NAME: M:\03002106.CL6

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								
NAME	GWatson:brt								
DATE	11/11/96 GW								

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OFFICIAL RECORD COPY



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
801 WARRENVILLE ROAD  
LISLE, ILLINOIS 60532-4351

October 9, 1996

Harold C. Papson, M.D.  
Radiation Safety Officer  
St. Joseph Hospital  
15855 19 Mile Road  
Mount Clemens, MI 48043

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE  
(Letter Dated 09/30/96)

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. 301928  
License No. 21-11850-01