

## MATERIALS LICENSE

Amendment No. 12

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, 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. Whidden Memorial Hospital
2. 103 Garland Street  
Everett, Massachusetts 02149

In accordance with letter dated  
September 26, 1992,  
3. License number 20-11013-02 is amended in  
its entirety to read as follows:

4. Expiration date September 30, 1996

5. Docket or  
Reference No 030-09016

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
- B. Any byproduct material  
identified in 10 CFR  
35.200
- C. Any byproduct material  
identified in 10 CFR  
35.300
- D. Any byproduct material  
identified in 10 CFR  
31.11
- E. Americium 241

- A. Any radiopharmaceutical  
identified in 10 CFR  
35.100
- B. Any radiopharmaceutical  
identified in 10 CFR  
35.200
- C. Any radiopharmaceutical  
identified in 10 CFR  
35.300
- D. Prepackaged Kits
- E. Sealed source  
(Amersham Model AMC.24)

- A. As needed
- B. As needed
- C. As needed
- D. As needed
- E. 14 millicuries

## 9. Authorized use

- A. Any uptake, dilution and excretion procedure approved in 10 CFR 35.100.
- B. Any imaging and localization procedure approved in 10 CFR 35.200.
- C. Diagnosis and treatment of hyperthyroidism, and treatment of cardiac dysfunction.
- D. In vitro studies.
- E. For use in a Searle Analytic Model SS-10244 anatomical marker.

## CONDITIONS

10. Location of use: Whidden Memorial Hospital, 103 Garland Street, Everett, Massachusetts.
11. Radiation Safety Officer: Thomas Arana, M.D.

9301150285 921216  
PDR ADDCK 03009016  
C PDR

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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number	20-11013-02
Docket or Reference number	030-09016
Amendment No. 12	

(Continued)

**CONDITIONS**

**12. Authorized Users:**

**Material and Uses:**

Thomas Arana, M.D.	35.100; 35.200; 35.300; 31.11 and Americium 241
Franklin Zweiman, M.D.	35.100; 35.200; 35.300; 31.11 and Americium 241
Joseph Sequeria, M.D.	35.100; 35.200; 35.300; 31.11 and Americium 241
Colin Schaeffer, M.D.	35.100; 35.200; 31.11 and Americium 241

13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material so that at no time is a quantity of radioactive material possessed in excess of a quantity which requires decommissioning funding in accordance with 10 CFR 30.35(d), 10 CFR 40.36(b) or 10 CFR 70.25(d).

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. 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 30, 1989
- B. Letter dated May 14, 1991
- C. Letter dated August 16, 1991
- D. Letter dated September 26, 1992

Date

DEC 16 1992

For the U.S. Nuclear Regulatory Commission

Original Signed By:

By

Michelle Beardsley

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

DEC 16 1992

License No. 30-11013-02  
Doclet No. 039-09016  
Control No. 117322

Whidden Memorial Hospital  
ATTN: Ross France  
Chief Executive Officer  
103 Garland Street  
Everett, Massachusetts 02149

Dear Mr. Ross:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5093, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an 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, 10 CFR Part 2, Appendix C.

Whidden Memorial Hospital

2

We wish you success in operating a safe and effective licensed program.

Sincerely,

Original Signed By:  
Michelle Beardsley

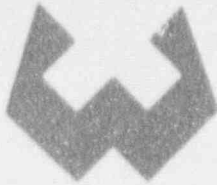
Michelle R. Beardsley  
Nuclear Materials Safety Branch  
Division of Radiation Safety  
and Safeguards

Enclosures:

1. Amendment No. 12
2. Requirements for Materials Licensees
3. Requirements for Medical Licensees

DRSS:RI *mb*  
Beardsley/gc

12/16/92



# WHIDDEN MEMORIAL HOSPITAL

103 GARLAND STREET • EVERETT, MASSACHUSETTS 02149 • 617-389-6270

US Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia PA 09406

Gentlemen:

September 26, 1992

Log	Nov 12 F
Remitter	
Check No.	61789
Amount	\$460
Fee Category	7C
Type of Fee	Amendment
Date Check Rec'd.	Oct 26, 1992
Date Completed	Nov 19, 1992
By	JPC

030-09016

Whidden Memorial Hospital hereby requests amendment to license number 20-11013-02 to authorize relocation and refurbishing of its Nuclear Medicine facilities. The attached plans show the relative location and layout of all rooms involved in this proposal. In the current main nuclear medicine room in which the Hot Lab area is, a corner bench will be modified to enclose the Hot Lab area as an isolated room. The adjacent larger room illustrated will be modified to become the new Nuclear Cardiology area, complete with stress testing equipment. Details of both of these rooms, which will ultimately constitute the entire Nuclear Medicine area, are enclosed.

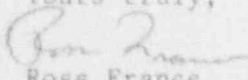
During renovations nuclear imaging will be performed in the existing second camera room and in a nearby temporary camera room, all within the X-ray Department. The new Nuclear Cardiology area will be completed first and the Nuclear Cardiology equipment relocated there from the second camera area. During the brief period when work is underway to reconstruct the current Hot Lab a temporary hot lab will be established in the secured bathroom adjacent to the temporary camera room. Details of that planned temporary facility are attached. During that period involving a temporary Hot Lab, instant technetium instead of a generator will be purchased to minimize radiopharmaceutical handling. As each room involving the use of radiopharmaceuticals is vacated for construction purposes, F.X.Masse Associates will be called in to perform an independent closeout survey before construction is allowed to begin or the room is released for other use. The closeout surveys will ultimately be forwarded to NRC when the overall renovation is completed. Construction should begin within three months and be completed by the end of the year.

We also request the deletion of Deprek Chopra, M.D., from the listing of authorized users on this license. Dr. Chopra is no longer associated with this institution.

Please note also that Mr. Ross France is now the CEO at this institution.

Enclosed is a check for \$460.00 covering the amendment fee under category 7C of 10 CFR 170 for this request. Please contact F.X. Masse at 617-245-6600 if further information is required.

Yours truly,



Ross France  
Chief Executive Officer

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OCT 26 1992  
11:32Z  
OCT 2 1992

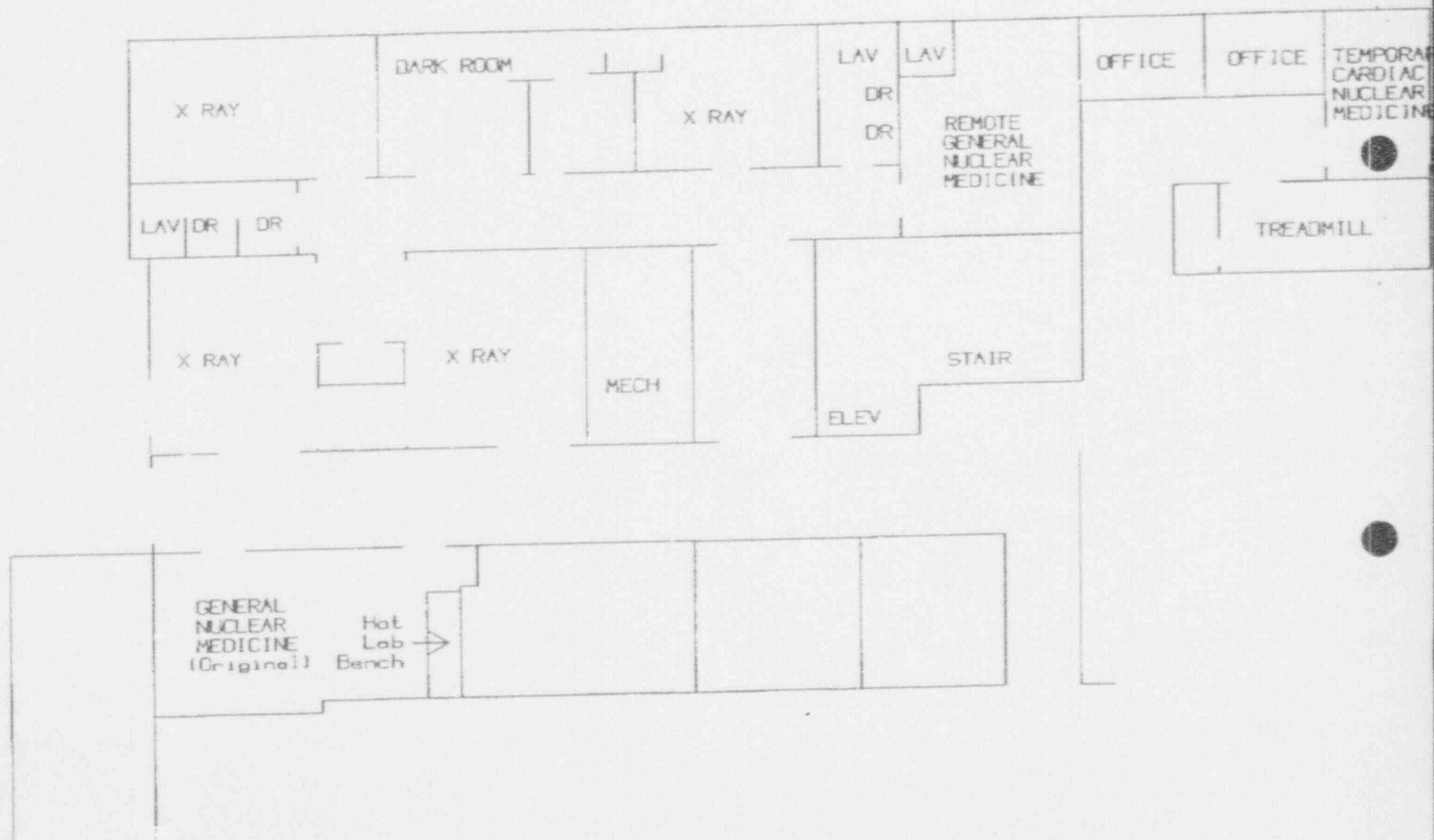


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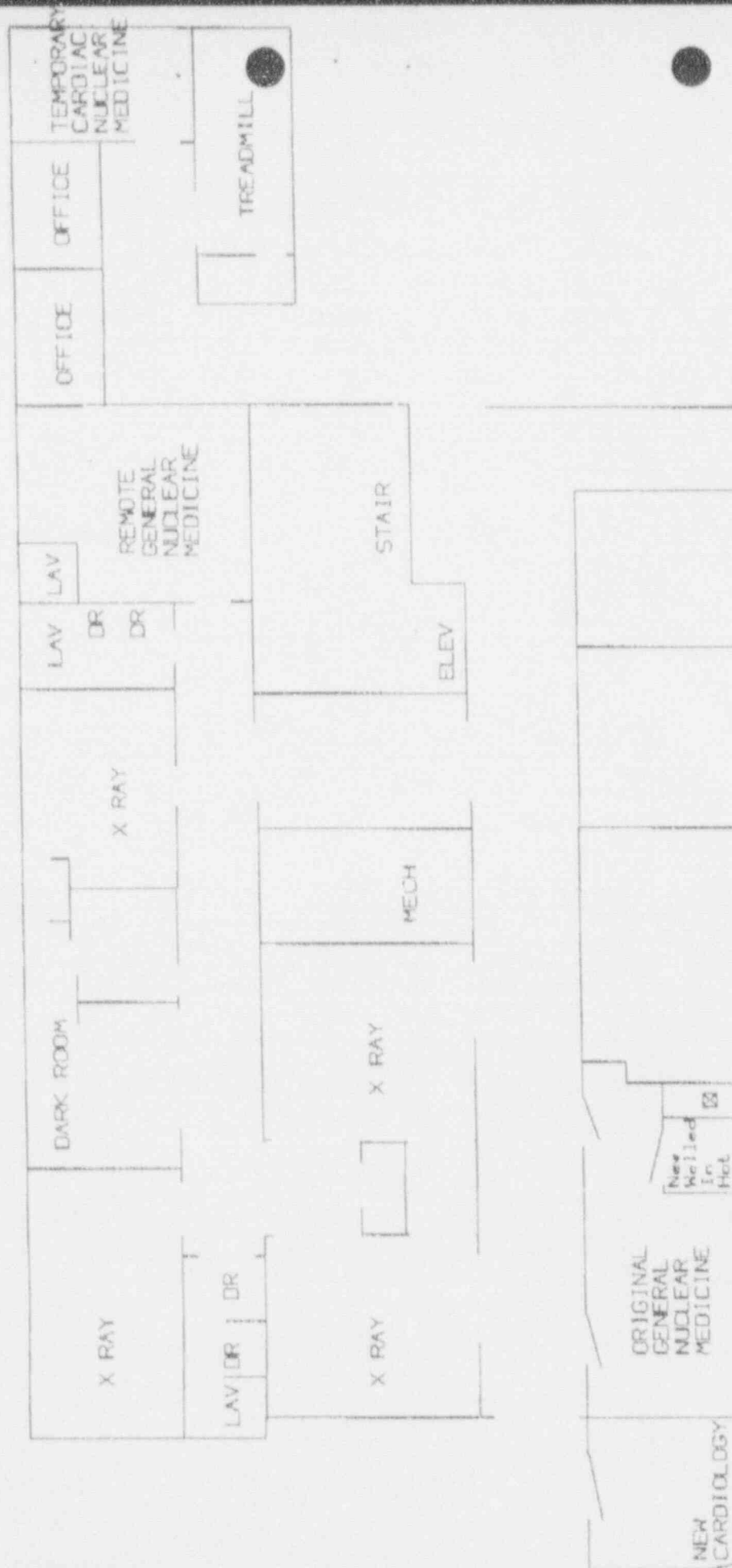
MIT/BATES CENTER

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# WHIDDEN MEMORIAL HOSPITAL



# WHIDDEN MEMORIAL HOSPITAL

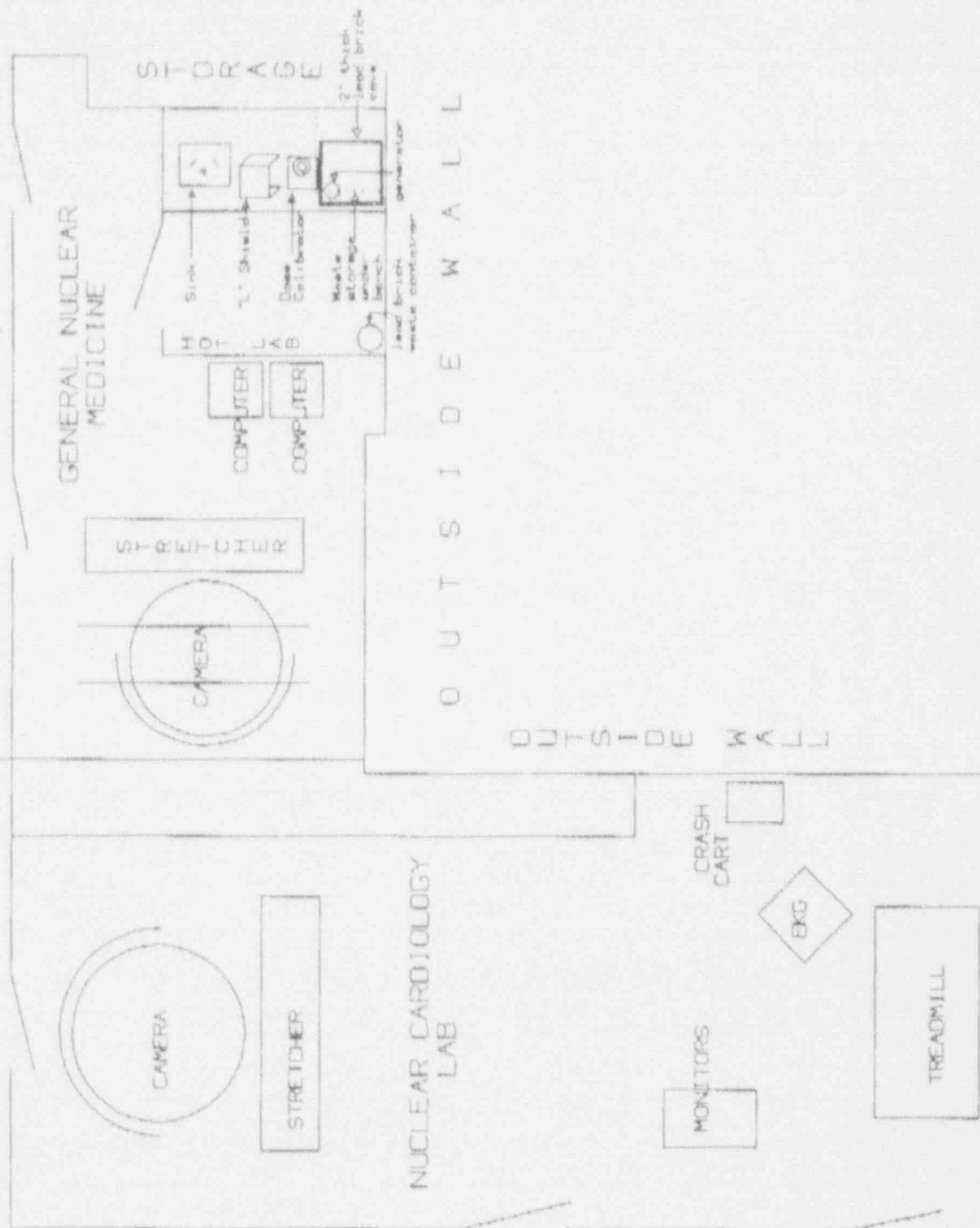


## PLANNED CONSTRUCTION CONSTRUCTION SEQUENCE:

1. Complete new Nuclear Cardiology
2. Move from Temporary Cardiac Lab into new
3. Move Hot Lab temporarily into lavatory in the new  
Nuclear Medicine Cardiac Lab
4. Rebuild original General Nuclear Lab
5. Move remote general lab into original. Hot Lab back

# WHIDDEN MEMORIAL HOSPITAL - NEW NUCLEAR MEDICINE SUITE

C O R R I D O R



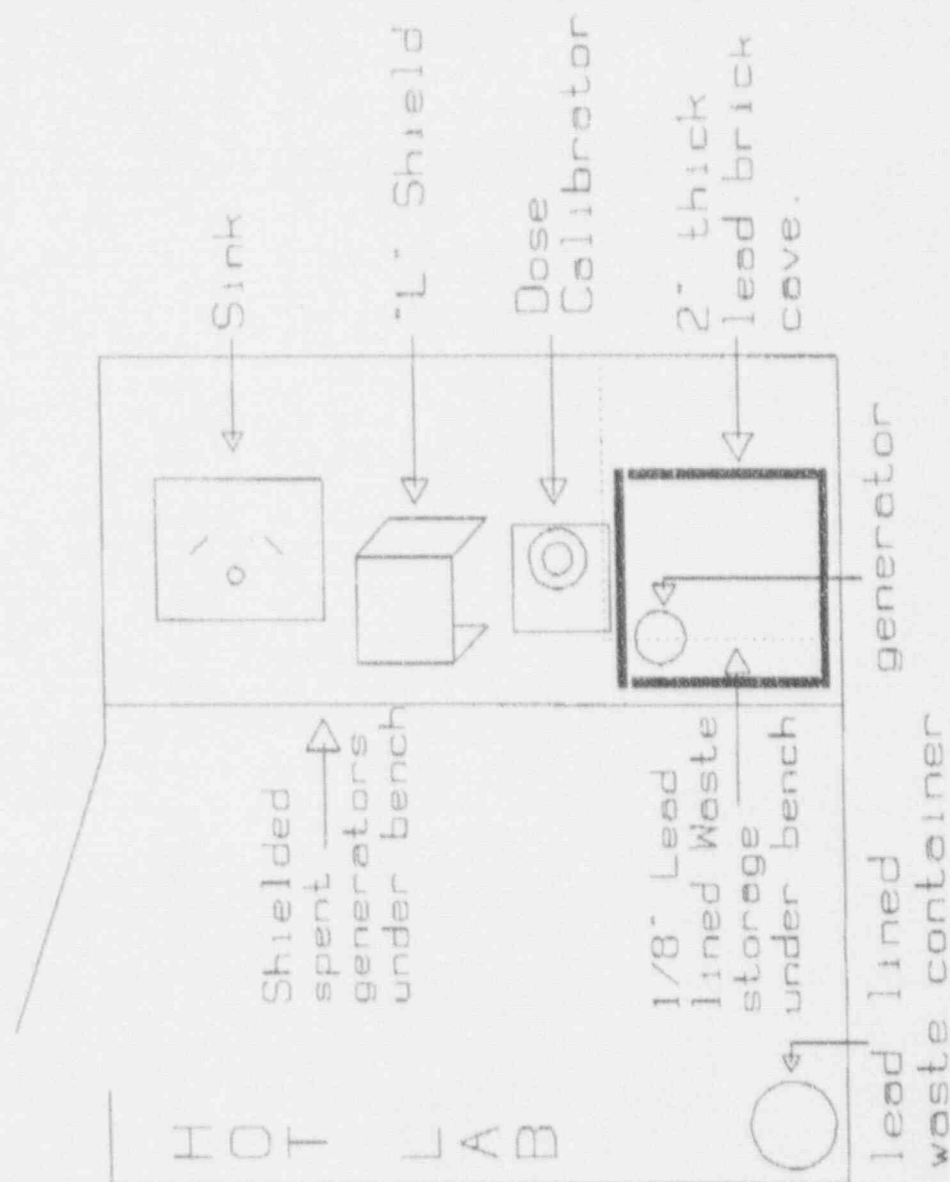
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# WHIDDEN MEMORIAL HOSPITAL

HGT LAB

General Nuclear  
Medicine



S T O R A G E

OUTSIDE WALL

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM  
AND  
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)  
INFORMATION FROM LTS

PROGRAM CODE: 02120

STATUS CODE: 0

FEE CATEGORY: 7C

EXP. DATE: 19960930

FEE COMMENTS:

DECDM FIN ASSUR REQD: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: WHIDDEN MEMORIAL HOSPITAL

RECEIVED DATE: 921022

DOCKET NO: 3009016

CONTROL NO.: 117322

LICENSE NO.: 20-11013-02

ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT:

CHECK NO.:

\$460.00  
061789

3. COMMENTS

SIGNED  
DATE

Rebecca J. Brown  
10/23/92

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED ☒ 1)

1. FEE CATEGORY AND AMOUNT:

7C \$460

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

AMENDMENT

RENEWAL

LICENSE

3. OTHER

SIGNED  
DATE

J. Conterfield  
11-19-92