

030-15104

MEDIQ IMAGING SERVICES, INC.

December 13, 1988

John E. Glenn, Ph.D  
 U.S. Nuclear Regulatory Commission  
 475 Allendale Road  
 King of Prussia, PA 19406

Log	Dec 15
Remitter	MSP, Inc.
Check No.	3095
Amount	\$ 120
Fee Category	7C
Type of Fee	AM D
Date Check Rec'd.	12/28/88
Date Completed	12/28/88

RECEIVED  
 98 DEC 27 P3:03

Dear Dr. Glenn:

MEDIQ Imaging Services', material license #20-18449-01, hereby notifies the Commission of the proposed relocation of it's base of operations to 300 Willow Street South, North Andover, Massachusetts 01845 from 85 Flagship Drive, North Andover, Massachusetts 01845. This new location is in the same industrial park and all arrangements have been made with Town authorities for this relocation. Diagrams of the new facility are enclosed. The relocation will have little effect on the operation of our program since at this time we are using instant technetium exclusively and, hence, we purchase only the amount needed each day and all radionuclides that are in possession travel with the mobile units to customer hospitals and offices each day.

The Hot Lab will be set up in much the same manner as that in the previous address, with lead brick (2 inch) shielding around any radionuclides in possession, dose calibrator, stainless steel sink and lead lined waste drum. The total area surrounding the Hot Lab is detailed in the enclosed diagram and is easily monitored as necessary.

Shipments of incoming radionuclides will be delivered to a locked and well secured receiving station that is located in the rear entrance foyer. This will be emptied each morning by qualified MIS nuclear personnel upon their arrival.

The relocation is scheduled to begin January 13, 1989 and be completed by January 16, 1989. F.X. Masse Associates will perform a close out survey on the old location before it is turned over to the owner.

At this time, I would request that the following physicians and client sites, be deleted from our license because of non-involvement with MEDIQ Imaging Services; James Bezreh, M.D., Harvey Borden, M.D., Alan Robbins, M.D., South Shore Medical Center, Parkwood Hospital and Concord Hillside Medical Associates.

85 FLAGSHIP DRIVE, SUITE K  
 NORTH ANDOVER, MA 01845  
 508 683-5901

110021

DEC 19 1988

9002090337 890208  
 REG1 LIC30  
 20-18449-01 PDR

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Dr. John E. Glenn  
December 13, 1988  
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Also at this time, I hereby request to amend our license to authorize the establishment of a fixed site clinical lab in Salem, Massachusetts. Attached is a letter from Chester E. Clark, M.D., Director of the North Shore Cardiodiagnostic Laboratory, where the lab is to be located. The lab will be operated similar to the current operation of temporary labs under the mobile operation authorized by MIS's current N.R.C. License.

An MIS employee will operate the facility, and Dr. Charles Boucher, currently listed on the MIS license, will be responsible for the medical aspects of the program. The need for the fixed facility is dictated by the proposed frequency of use and difficulty of access with a mobile camera.

The equipment to be added to MIS's inventory for this operation will be as follows:

1. Technicare Gamma Camera;
2. ADAC Computer with printer;
3. Ludlum model 14-C portable survey meter (1mR/hr to 2000 mR/hr);
4. Syringe shields;
5. Lead lined syringe carriers;
6. Dose Calibrator;
7. Cs-137 standard (200 uCi);
8. Co-57 standard (1-5 mCi);
9. Lead bricks (for storage cave);
10. Lead lined storage containers;
11. Table Top L-shield for dose preparation.

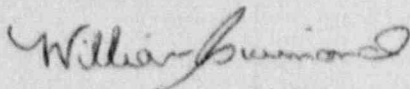
Attached is a diagram of the laboratory configuration for this installation. The imaging laboratory will be separate from the hot lab due to the existing layout and availability of rooms. Storage of all radioactive material will be in a lead-lined storage box in the hot lab. All doses will be prepared there, calibrated in the dose calibrator there, and transported via a lead-lined syringe carrier to the imaging room for administration to the patient. This facility is intended for cardiac studies only. Only instant technetium or precalibrated patient doses will be used here.

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Calibration and certification of the newly-acquired equipment for use at this facility will be as described in the original application for this license. In line with the new part 35 requirements, a dedicated check source will be installed on the portable survey meter for routine daily checking of survey meter operation. F.X. Masse Associates will indicate the proper reading for this source on the calibration sticker. Users will check for proper operation on each day of use, but need not record the reading or take other action when the instrument is functioning properly. Also, the quarterly linearity check on the dose calibrator will be extended down to a 10uCi lower limit.

Enclosed is a check for \$120 covering the fee for this amendment. Please do not hesitate to contact F.X. Masse at (617) 245-6600, if there are questions concerning these requests.

Sincerely,



William Guimond  
Director of Operations  
Northeast Region

WG/1ld

Enclosures

NORTH SHORE CARDIODIAGNOSTIC  
LABORATORY, INC.  
10 COLONIAL ROAD  
SALEM, MASSACHUSETTS 01970

MAXIMILIAAN G. KAULBACH, M.D.  
LAWRENCE J. FINKELSTEIN, M.D.  
JOHN C. SANTOS, M.D.  
CHESTER E. CLARK, M.D.

TELEPHONE 741-3013

December 12, 1988

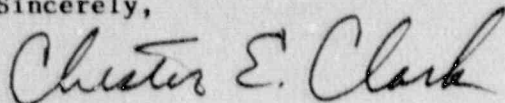
Director  
Office of Nuclear Materials  
Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 2055

Gentlemen:

This is to request that our office be included in the list of facilities at which MEDIQ Imaging Services of 85 Flagship Drive, North Andover, Massachusetts is licensed to perform Nuclear Medicine services. Adequate facilities are available for the performance of Nuclear Medicine procedures by MEDIQ Imaging Services personnel.

Nuclear Medicine procedures will be requested by any member of the staff, but will be coordinated under the supervision of Dr. Charles Boucher, who is named on MEDIQ Imaging Services N.R.C. material license. Dr. Boucher will work closely with MEDIQ Imaging Services personnel throughout this program.

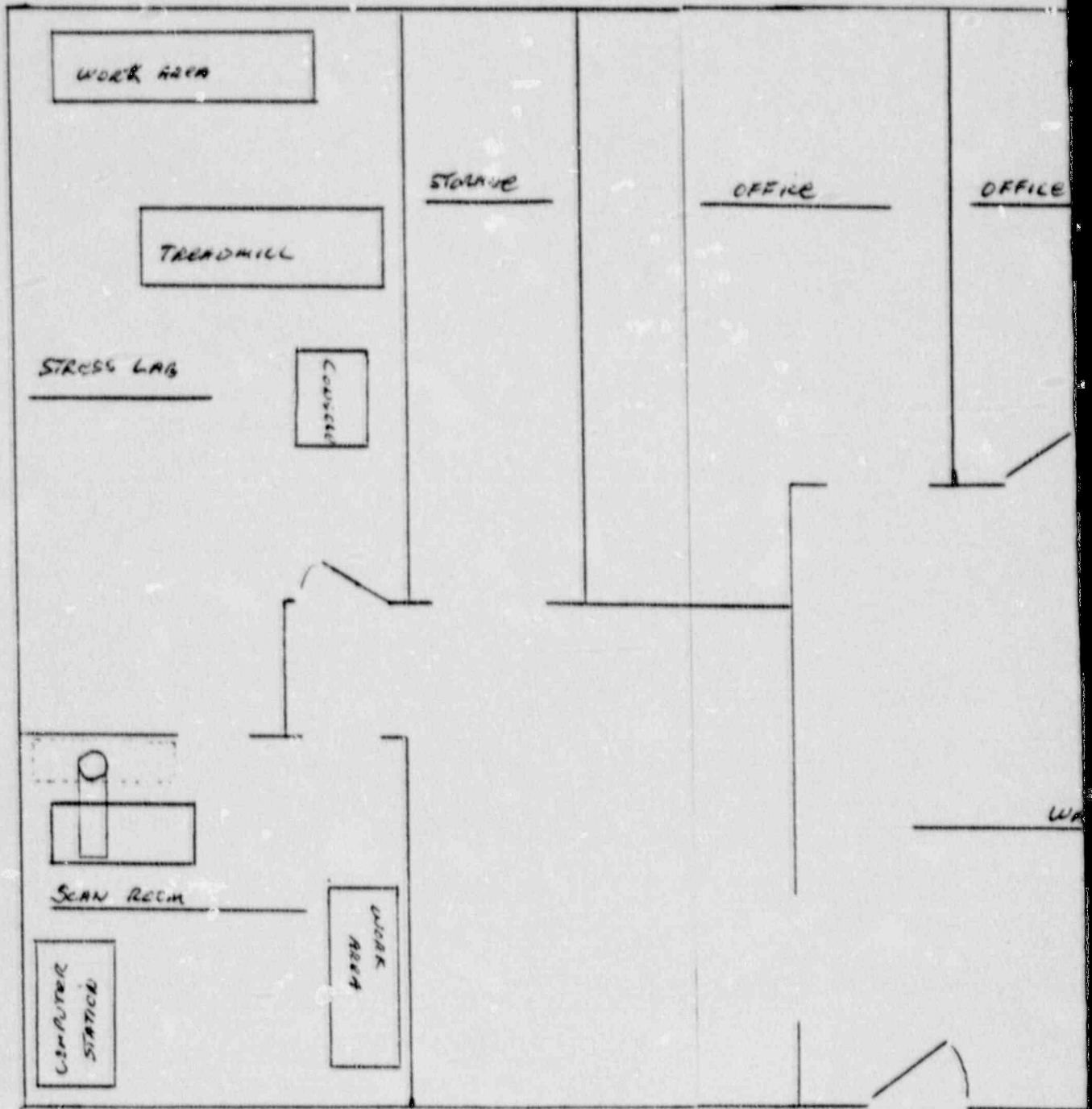
Sincerely,



Chester E. Clark, M.D.

GEC/11d

NORTH SHORE C



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RADIOLOGY

OFFICE

STORAGE

OFFICE

DRS. OFFICE

SI  
APERTURE  
CARD  
Also Available On  
Aperture Card

HOT LAB

SWR

WAITING ROOM

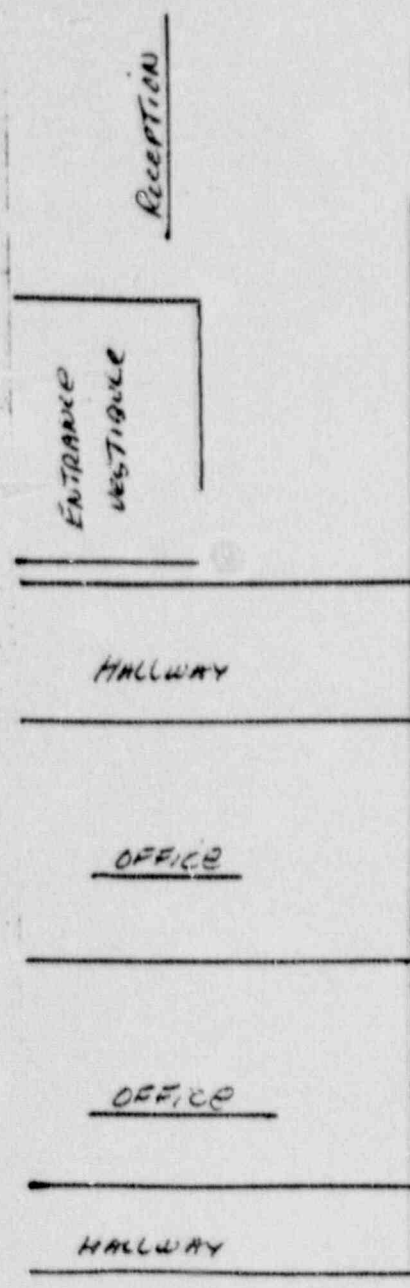
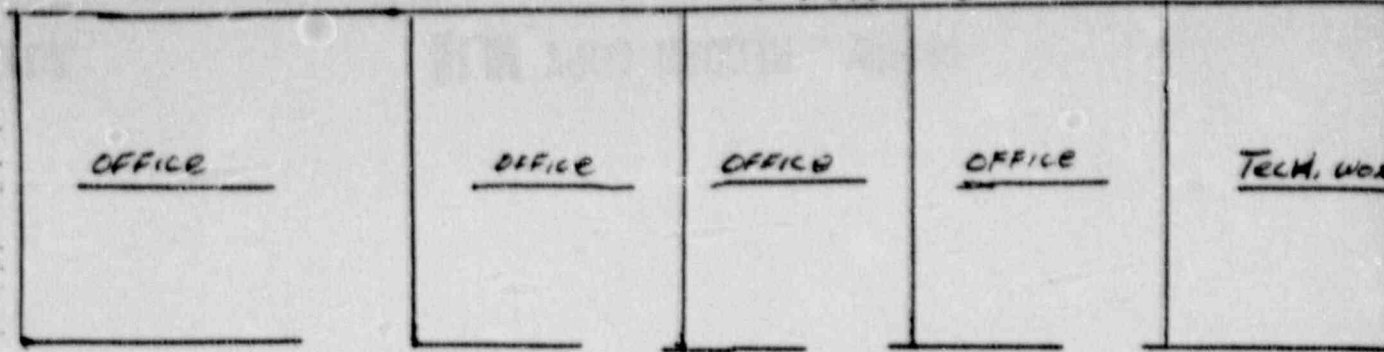
OFFICE

KITCHEN AREA

Record Film Area

1" = 4 feet

9002090337-01



MEDICAL IMAGING SERVICES  
 REGIONAL OFFICE  
 310 WILLOW ST. SOUTH  
 N. ANDOVER, MASS 01845

OPEN OFFICE AREA

ADDITIONAL OFFICE AREA  
 ↓ ↓ ↓ ↓ ↓

OLLEIVE [unclear] OBA NT18

ITINIST

AREA

DARKROOM

HOT LAB

SAFE

STORAGE

DOOR

EQUIPMENT STORAGE

SI APERTURE CARD

Also Available On Aperture Card

REST ROOM

RECEIVING

RECEIVING

REST ROOM

RADIOLUVIDE RECEIVING SAFE

REAR EXTERIOR ENTRANCE

HOLTER LAB.

CLINICAL LAB

9002090337-02

↓ ↓ ↓



put

MJ  
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(FOR LFMS USE)  
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM  
AND  
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 02220  
STATUS CODE: 0  
FEE CATEGORY: 7C  
EXP. DATE: 19890531  
FEE COMMENTS:

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: MEDIQ IMAGING SERVICES, INC.  
RECEIVED DATE: 881219  
DOCKET NO.: 3015104  
CONTROL NO.: 110021  
LICENSE NO.: 20-18449-01  
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: \$120.00  
CHECK NO.: 3093

3. COMMENTS

SIGNED: *EMW*  
DATE: 12-22-88

8. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED / /)

1. FEE CATEGORY AND AMOUNT: 7C \$120

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:  
AMENDMENT \_\_\_\_\_  
RENEWAL \_\_\_\_\_  
LICENSE \_\_\_\_\_

3. OTHER \_\_\_\_\_

SIGNED: *S. Hemminger*  
DATE: 12/28/88

PA for  
12/21/88