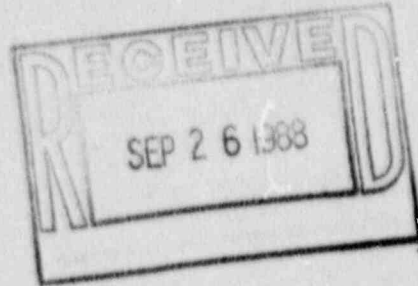




**Powell Hospital
& Nursing Home**

777 Avenue H
Powell, Wyoming 82435

September 19, 1988



Jack Whitten
Nuclear Regulatory Commission
Parkway Central Plaza Building
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Dear Mr. Whitten,

We would like to amend our license to show our Lunar Dp3 Bone densitometer as a mobile unit.

Our plan is to periodically move our Lunar Dp3 to a building located at 445 South 24 Street, Billings, Montana. It will then be kept at this location for a period of about one week, then returned to it's present location. This will occur approximately once a month.

We will be using a Lead Insert while the Dp3 is being transported.

Here is a diagram of the location in Montana.

Enclosed.

The amendment fee is enclosed. If you have any questions please let us know.

Thank you,

J. A. Miller
J. A. Miller

Director of Nuclear Medicine

Log	<i>Sept - 6 - IV</i>
Remitter	
Check No.	<i>37500 13746</i>
Amount	<i>\$120</i>
Fee Category	<i>79</i>
Type of Fee	<i>Hand</i>
Date Check Rec'd.	<i>9/19/88</i>
Date Completed	<i>9/30/88</i>
By	<i>Messier</i>

8910180266 881107
REG4 LIC30
49-23163-01 PDR

462179



Powell Hospital
& Nursing Home

777 Avenue H
Powell, Wyoming 82435

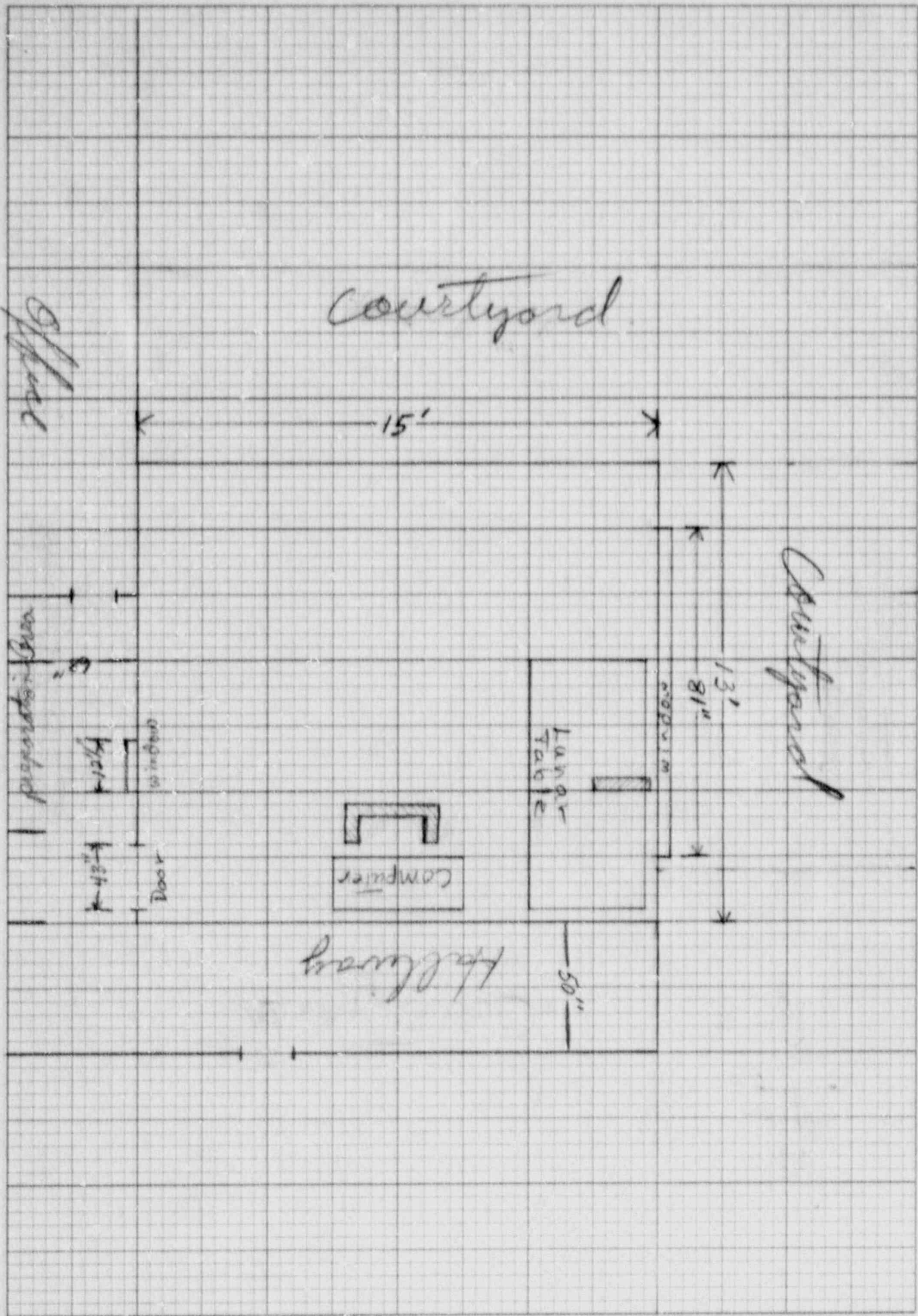
LUNAR Dp3 TRANSPORTATION AND SETUP

The Lucite insert will be removed and a lead insert will be inserted and locked. The Lunar will be transported in this manner. When the Lunar is placed at it's operating location, the lead insert will be removed and the lucite insert will be inserted.

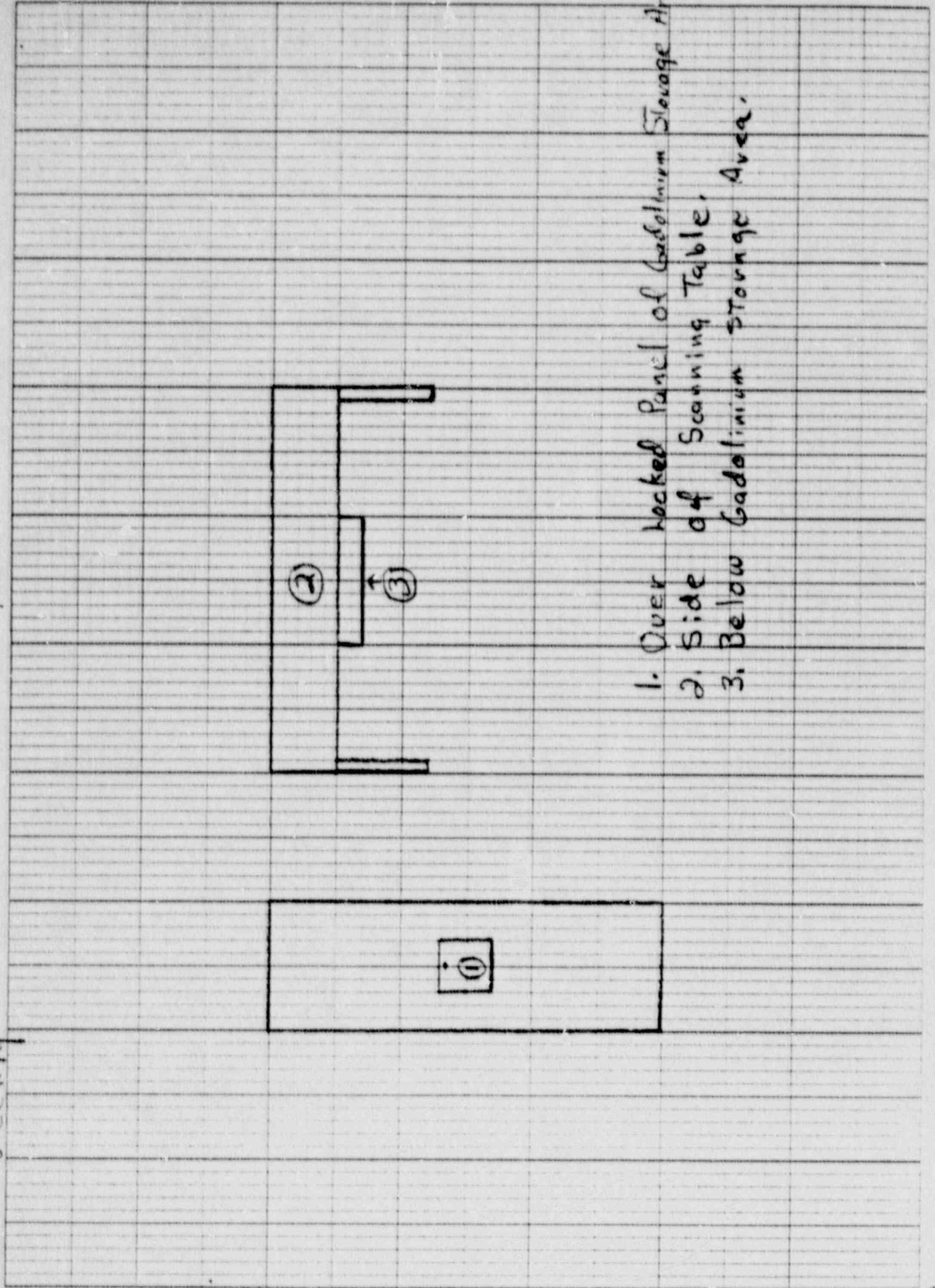
The Lunar will be surveyed before transportation and upon arrival. we will use the survey diagram as previously provided. If an abnormal survey is noted, reason for the abnormality will be found and corrected.

Calibrations will be initiated at it's new location upon completion of set-up, and before scanning each day.

4/2/79



Weekly Survey Diagram

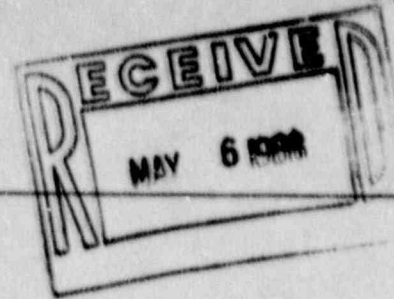


1. Over locked Panel of Gadolinium Storage Area.
2. Side of Scanning Table.
3. Below Gadolinium Storage Area.



Powell Hospital
& Nursing Home

777 Avenue H
Powell, Wyoming 82435



April 30, 1988

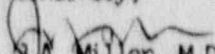
Jack Whitten
Nuclear Regulatory Commission
Parkway Central Plaza Building
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Dear Mr. Whitten,

In response to your letter dated April 27, 1988 requesting additional information on our letter for licence amendment dated April 5, 1988, licence #49-23163-01, Docket #030-20328, I apologize for not making it clear, that we do not wish to use more than 29 millicuries of I 131 with these procedures.

I hope this will answer the questions raised by our previous request. Thank you.

Sincerely,

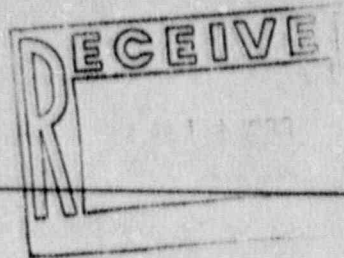

S.A. Miller, M.D.
Nuclear Medicine Director
Powell Hospital
Powell, WY 82435

461919



Powell Hospital
& Nursing Home

777 Avenue H
Powell, Wyoming 82435



April 5, 1988

Jack Whitten
Nuclear Regulatory Commission
Parkway Central Plaza Building
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Dear Mr. Whitten:

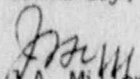
We would like to amend our license # 49-23163-01, Docket # 030-20328 for the use of Iodine 131 in the treatment of hyperthyroidism and thyroid carcinoma to include Radionuclide ablation of the gland.

I have included the \$120.00 for the amendment of the license.

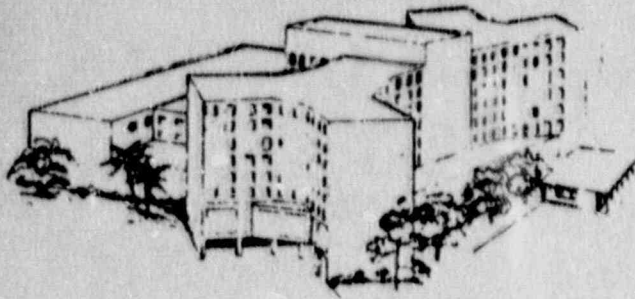
I have also included the training information of Dr. James Moeller.

I hope that what I have provided you is adequate. If not please contact me.
Thank you.

Sincerely,


J.A. Miller, M.D.
Nuclear Medicine Director
Powell Hospital
777 Avenue H
Powell, WY 82435

UNIVERSITY HOSPITAL OF JACKSONVILLE



655 WEST EIGHTH STREET
JACKSONVILLE, FLORIDA 32209
TELEPHONE (904) 358-3272

MICHAEL J. WOOD
Executive Director

October 14, 1977

Jacksonville General Hospital
4901 Richard Road
Jacksonville, Florida 32216

Dear Sirs:

This is to certify that James A. Moeller, D.O., both as a Resident and later as a full-time Radiologist at University Hospital, has performed the following special procedures:

1. Myelography
2. Orthopedic
 - (a) Fluoroscopic control of Craig needle bone biopsies.
 - (b) Arthrography.
3. Arteriography
 - (a) Selective and percutaneous cerebral.
 - (b) Aortic arch and upper extremity, peripheral.
 - (c) Selective and subselective viscera.
 - (d) Abdominal aortic and lower extremity, peripheral.
4. Renal procedures
 - (a) Arteriography.
 - (b) Renal cyst puncture and aspiration.
 - (c) Renal artery embolization (therapeutic-preop).
 - (d) Fluoroscopic control for renal biopsies.
5. Pulmonary procedures
 - (a) Fiberoptic bronchoscopy
 - (b) Needle lung biopsy (aspiration and cutting).
 - (c) Pleural biopsy.
 - (d) Thoracentesis.

461919

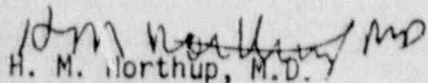
6. Ultrasound

- (a) Fluoroscopic control for renal biopsies
- (b) Fluoroscopic control for renal punctures.

Dr. Moeller is also extensively trained and certified in Nuclear Medicine. He has treated several cases of hyperthyroidism and thyroid malignancy with Radioiodine (in conjunction with the Department of Medicine).

If I can be of any assistance in further clarifying Dr. Moeller's credentials, please notify me.

Sincerely yours,



H. M. Northup, M.D.
Acting Chairman
Department of Radiology

HMN:dt

WILLIAM D. WALKLETT M.D.
4580 Ortega Forest Drive
Jacksonville FL. , 32210

March 22, 1988

James A. Moeller, D.O.
Powell Hospital
c/o Radiology Department
777 Avenue H
Powell WY, 82435

Dear Jim:

This letter is to confirm your attendance in a program of General Radiology from August 1971 to September 1974. This included training in Nuclear Medicine and Ultrasound. I have searched the current records at University Hospital but records of specific cases are no longer available. However, the course material at that time did include training in conjunction with the Department of Medicine to satisfy the requirements of the use of radioisotopes to treat hyperthyroidism and malignancies of the thyroid.

I hope this letter will satisfy the need for documentation of your training in the use of radioisotopes in the treatment of thyroid disease. Since no old documents exist no further details of that training are present for verification.

Good luck in your current position.

William D. Walklett M.D.

William D. Walklett M.D.
Previous Chairman 1969-1976
Radiology Department
University Hospital
Jacksonville FL 32209

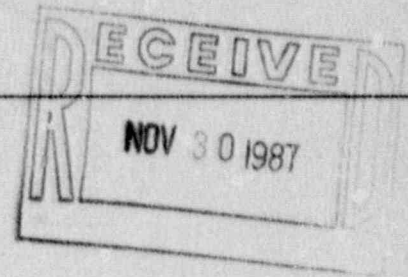
461919

ms-16
71



Powell Hospital
& Nursing Home

777 Avenue H
Powell, Wyoming 82435



Jack E. Whitten
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

November 20, 1987

Dear Mr. Whitten,

We would like to amend our Licence (#49-23153-01) to show that we may use DTPA aerosol for lung ventilation imaging.

We will use the CADEMA Aerosol Imaging System which is single use aerosol system held in a lead holder.

If more than one scan is needed, the single use aerosol system will be removed from the lead holder and placed in the lead lined trash can in the Hot Lab decay area.

Enclosed please find CADEMA information sheet of their aerosol system.

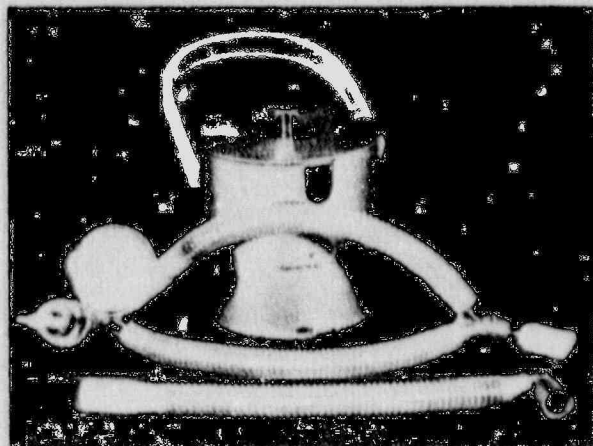
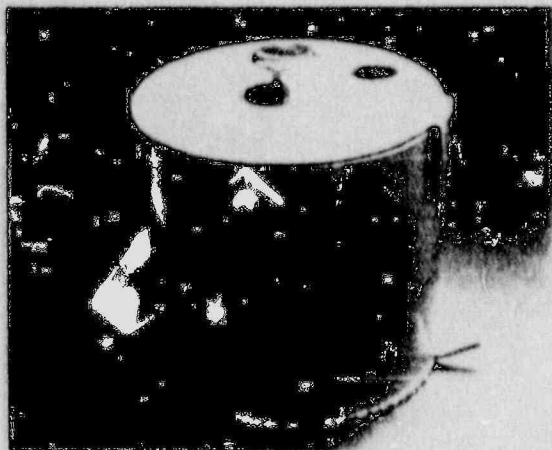
Thank you,

J.A. Miller, M.D.
Nuclear Medicine Director
Powell Hospital
777 Ave. H
Powell, WY 82435

Copy sent to DCS

461707

New System



The essential parts of the radioaerosol generator delivery system are a modified raindrop type nebulizer,* corrugated tubing, one-way valves, a mouthpiece and a bacteria filter. The lead shield, 3.0 mm wall thickness, provides radiation containment of the unit during patient use. The unit can be easily adapted for respirator patient use by connecting a small hose piece (tail)** to the bottom of the filter prior to inserting into lead shield. The straight adapter end of the (tail) hose should be pushed through the hole in the shield lid.

The aerosol drug, in 3-4 mL, containing 25 μ Ci, is added to the nebulizer by way of the injection port. Oxygen or air at 50 psi pressure, 10 liters per minute flow rate, atomizes the solution, producing particles of less than 1 micron.

* U.S. Patent #4,510,929

** Supplied as an ancillary package - 6 units/box.

