

DL-031695_02

March 10, 1995

Meritus Health Systems, Inc.
ATTN: Mr. Joel Jobson
Administrator
233 Hershberger Road, Suite 200
Roanoke, Virginia 24012

SUBJECT: TRANSMITTAL AND EXPLANATION OF MATERIALS LICENSE AMENDMENT
(REFERENCE: MAIL CONTROL 256329; DOCKET NO. 030-32701)

Gentlemen:

Enclosed is Amendment 4 to License No. 45-25194-01, issued in response to your request dated February 24, 1995. Your request included changes in Authorized Users, additional client locations, changes in the Radiation Safety Committee, and procedure changes.

We have delayed adding Dr. Goodarzi as an authorized user, pending additional information. Dr. Goodarzi's Board Certification in 1982 is beyond the 7 years permitted for recentness of training. Additionally, his preceptor statement has not been filled in properly, nor was enough information presented by Dr. Dehgen to evaluate the most recent experience. Please request Dr. Dehgen to complete a preceptor statement (Supplements A and B enclosed) describing Dr. Goodarzi's experience that he has preceptored. Dr. Dehgen should sign the statement, not Dr. Goodarzi. The statement of experience should include sufficient activities such as those in §§35.910 and 35.920 that we can have high confidence in Dr. Goodarzi's use and supervision of the use of licensed materials. This is not a denial of your request. You may respond with the additional information for Dr. Goodarzi, referencing Mail Control Number 256329 within 12 months, and the amendment will be considered without additional charge.

We have delineated the changes in the license by printing them in **BOLD**. Specifically, we have added Drs. Ramakrishnan, Kim and Artz as authorized users for §§35.100 and 35.200. We have added the client locations at Williamson, West Virginia and Clintwood, Virginia, and note that authorization to receive licensed materials at those locations is not granted by this amendment. We have moved the authorization for possession and use of depleted uranium shielding to Condition 6 - 9 C. We have accepted your commitment for the use of a linearity assistance device after you verify its acceptability. The positions named in the Radiation Safety Committee composition are acceptable. You should remain aware that we expect the Management individual to be of the executive rank, able to speak and commit resources for the company.

Meritus Health Systems, Inc.

2

We have also included a copy of the newly revised 10 CFR Part 35 for your information. You should be aware of the specific changes throughout as marked by the tick marks in the index. These changes are the most recent and became effective January 1, 1995. Please call me at (404) 331-5624 should you have questions. Our fax numbers are (404) 331-7437/4449.

Sincerely,

David J. Collins, Health Physicist
Nuclear Materials Licensing Section

Enclosures: as stated

SEND TO PUBLIC DOCUMENT ROOM?		YES		NO		
OFFICE	RM:DRSS	RM:DRSS				
SIGNATURE	<i>DJ Collins</i>	<i>J Potter</i>				
NAME	DJ Collins	J Potter				
DATE	03/08/95	03/10/95	03/ /95	03/ /95	03/ /95	03/ /95
COPY?	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO				

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRSS\NMLS\LICLTR\256329.DJC

103 103 -3 11 0 17

(FOR LPMS USE)
INFORMATION FROM LTS

BETWEEN:
License Fee Management Branch, ARM
and
Regional Licensing Sections

Program Code: 02220
Status Code: 0
Fee Category: 7C 2B
Exp. Date: 19970631
Fee Comments:
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION VI

1. APPLICATION ATTACHED

Applicant/Licensee: MERITUS HEALTH SYSTEMS, INC.
Received Date: 950227
Docket No.: 3032701
Control No.: 256329
License No.: 45-23194-01
Action Type: Amendment

2. FEE ATTACHED

Amount: 1775.
Check No.: 111

3. COMMENTS

Signed Gregory C. Klein
Date 4/27/94

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

- 1. Fee Category and Amount: 7C 2B 3500
- 2. Correct Fee Paid. Application may be processed for:
Amendment
Renewal
License
- 3. OTHER

Signed Gregory C. Klein
Date 4/27/94

NRC FORM 313
(8-83)
10 CFR 30.32, 33
34, 35, 36, 38 and 40

U. S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB NO 3180-0120
EXPIRES 6-30-86

APPLICATION FOR MATERIAL LICENSE

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST 9 HOURS. SUBMITTAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MMRB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS

IF YOU ARE LOCATED IN

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLIANCE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIE TA STREET, NW, SUITE 200
ATLANTA, GA 30335-0100

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS

IF YOU ARE LOCATED IN

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
601 WARRENVILLE RD
Lisle, IL 60532-4791

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH CAROLINA, OKLAHOMA, SOUTH CAROLINA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
811 RYAN PLAZA DRIVE, SUITE 430
ARLINGTON, TX 76011-6784

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION V
1450 MANA LANE
VIA MCT TREE, CA 94500-5100

1. THIS IS AN APPLICATION FOR (check appropriate form)
 A. NEW LICENSE
 B. AMENDMENT TO LICENSE NUMBER _____
 C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (include Zip code)
NAME: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION
NAME: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
TELEPHONE NUMBER: _____

SUBMIT ITEMS 5 THROUGH 12 TO THE OFFICE IN WHICH THE APPLICANT WISHES TO RECEIVE LICENSES. ITEMS 1 THROUGH 4 AND 13 THROUGH 15 TO THE NRC APPLICATION OFFICE

5. RADIOACTIVE MATERIAL
a. Element and mass number, b. Form and/or physical form, and c. Radioactivity which will be possessed or used
7. QUALIFICATION RESPONSIBILITY FOR THE SAFETY PROGRAM AND THE TRAINING EXPERIENCE
8. FACILITIES AND EQUIPMENT
11. WASTE MANAGEMENT

9. PURPOSES FOR WHICH LICENSED MATERIAL WILL BE USED
10. TRAINING PROGRAMS AND PROCEDURES FOR RESTRICTED AREAS
12. PERSONNEL (See 10 CFR 30.32 and Section 170.31)
REGISTRATION: _____ AMOUNT LICENSED: _____

13. CERTIFICATION: I certify, on behalf of applicant, that all statements and representations made in this application are true and correct to the best of my knowledge and belief.

WARNING: TO USE OR POSSESS OR TO TRANSPORT OR TO MAINTAIN OR TO MARK IT AS HAZARDOUS TO MAKE A FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN THE JURISDICTION OF THE COMMISSION IS A FEDERAL OFFENSE.

ENTRY OFFICER: _____ TYPE PRINT NAME AND TITLE
SIGNATURE: _____ DATE: 2/22/95

FOR NRC USE ONLY

APPROVED BY: _____ DATE: _____

MATERIALS LICENSE

Amendment No. 4

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.

<p style="text-align: center;">Licensee</p> <p>1. Meritus Health Systems, Inc.</p> <p>2. 233 Hershberger Road Suite 200 Roanoke, Virginia 24012</p>	<p style="text-align: center;">In accordance with the letter dated February 24, 1995</p> <p>3. License Number 45-25194-01</p> <p style="text-align: center;">is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration Date July 31, 1997</p> <hr/> <p>5. Docket or Reference No. 030-32701</p>
---	---

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, except xenon 133	B. As needed, except no single patient dose of I-125 or I-131 to exceed 30 μ Ci (1.11 MBq)
C. Uranium depleted in uranium 235	C. Metal	C. 999 kilograms

9. **Authorized Use:**

- A. Medical use in uptake, dilution and excretion studies identified in 10 CFR 35.100
- B. Medical use in imaging and localization studies identified in 10 CFR 35.200
- C. Shielding for molybdenum-99/technetium-99m generators

CONDITIONS

- 10. A. Licensed material shall be used only at temporary job locations of the licensee in Virginia and West Virginia.
- B. Notwithstanding the requirement of 10 CFR 35.80(a), the licensee may transport molybdenum-99/technetium-99m generators to temporary job locations for use only within the mobile nuclear medicine facility.

9503240216 95031C
PDR ADOCK 03032701
C FDR

230165

Handwritten signature/initials

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

45-25194-01

Docket or Reference Number

030-32701

Amendment No. 4

CONDITIONS

Continued -

10. C. Licensed materials may only be delivered to the licensee's mobile unit, the primary storage location, while at:
- (1) Page Memorial Hospital, 200 Memorial Drive, Luray, Virginia;
 - (2) Summersville Memorial Hospital, 400 Fairview Heights Road, Summersville, West Virginia; and
 - (3) Plateau Medical Center, 430 Main Street, Oak Hill, West Virginia.
 - (4) Williamson Memorial Hospital, 1950 Alderson Street, Williamson, West Virginia.
 - (5) Dickenson County Medical Center, Hospital Drive, Clintwood, Virginia.
11. Radiation Safety Officer: Francis H. George, M.D.
12. Authorized user(s):
- A. Francis H. George, M.D. Medical uses described in 10 CFR 35.100 and 35.200
 - B. Steven Hefter, M.D. Technetium 99m radiopharmaceuticals for cardiac imaging studies
 - C. Mohammad Ebrahim Dehgen, M.D. Medical uses described in 10 CFR 35.100 and 35.200
 - D. Walter W. Wolfe, M.D. Medical uses described in 10 CFR 35.100 and 35.200
 - E. Ann Jackson Smith, M.D. Technetium 99m radiopharmaceuticals for cardiac imaging studies
 - F. Michael E. Shahan, M.D. Medical uses described in 10 CFR 35.100 and 35.200
 - G. Ezad N. Ahmad, M.D. Technetium 99m radiopharmaceuticals for cardiac imaging studies
 - H. M. R. Ramakrishnan, M.D. Medical uses described in 10 CFR 35.100 and 35.200.
 - I. Je Hyun Kim, M.D. Medical uses described in 10 CFR 35.100 and 35.200.
 - J. Steven A. Artz, M.D. Medical uses described in 10 CFR 35.100 and 35.200.
13. Prior to vacating or releasing any field office or storage location authorized by this license, the licensee shall notify the Nuclear Regulatory Commission in accordance with the provisions of 10 CFR 50.36.
14. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number	45-25194-01
Docket or Reference Number	030-32701
Amendment No. 4	

CONDITIONS

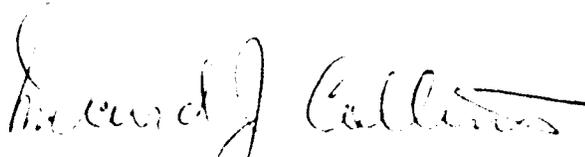
Continued -

- 15. The licensee shall maintain records of information important to safe and effective decommissioning of 233 Hersberger Road, Roanoke, Virginia, pursuant to the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
- 16. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum specified 10 CFR 30.35 for establishing decommissioning financial assurance.
- 17. 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 March 4, 1992
 - B. Letters dated:
 - (1) April 28, 1992
 - (2) May 20, 1992
 - (3) May 26, 1992
 - (4) July 23, 1992
 - (5) September 30, 1992
 - (6) December 28, 1992
 - (7) March 15, 1994
 - (8) February 24, 1995
- C. Letter and attachments received April 19, 1993

[add place of use and delete alternate RSO]
[add users, linearity kit, RSC structure, mobile sites]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DAVID J. COLLINS



DATE MAR 10 1995

BY _____
Region II, Nuclear Materials Licensing Section
101 Marietta Street, N.W., Suite 2900
Atlanta, GA 30323