

DL-082096\_05

# MERITUS HEALTH SYSTEMS

A Medical Diagnostics Company

August 20, 1996

Mr. Earl Wright  
Nuclear Materials Licensing Division  
U.S.N.R.C. Region II  
101 Marietta St., NW  
Suite 2900  
Atlanta, GA 30323

RE: NRC License #45-25194-01

Dear Mr. Wright,

The enclosed Amendment is to reflect changes to our license for radioactive material use.

I. We wish to add the following authorized users and places of use:

1. Yvonne J. Weaver, MD as an authorized user of Technetium 99m labeled radiopharmaceuticals for cardiac imaging. Dr. Weaver is an authorized user on USNRC license 45-23007-01.
2. Vincent J. Mascatello, MD as an authorized user of materials identified in 10 CFR 35.100 and 10 CFR 35.200. Dr. Mascatello is an authorized user on USNRC license 45-25298-01.
3. Scot A. LeBolt, MD as an authorized user of materials identified in 10 CFR 35.100 and 10 CFR 35.200. Dr. LeBolt is a Board Certified Radiologist, certification enclosed.
4. Dennis Joseph McCabe, MD as an authorized user of materials identified in 10 CFR 35.100 and 10 CFR 35.200. Dr. McCabe is a Board Certified Radiologist, certification enclosed.
5. Mark Cameron Lopiano, MD as an authorized user of materials identified in 10 CFR 35.100 and 10 CFR 35.200. Dr. Lopiano is a Board Certified Radiologist, certification enclosed.
6. Weaver Medical Associates, P.C.  
705 Leigh Street #102  
Richmond, VA 23220-3254
7. Cardiac Care Associates  
8201 Greensboro Drive  
Vienna, VA

201175

233 Hershberger Road, Roanoke, Virginia 24012

(540) 563-8700

Facsimile (540) 366-8068

8. Radiology Associates, PC  
13890 Braddock Road  
Centreville, VA 22020
9. Commonwealth Valley Imaging  
106 North Lee Street, # 1  
Luray, VA 22835

- II. We wish to change the licensee name. The company is undergoing a consolidation from the 'family' of several "MERITUS" companies, to a single company. Meritus Health Systems, the named licensee, will be merged into one of the other companies. The enduring company will be Meritus PLS, Inc. The appropriate letter of documentation is enclosed. The radioactive materials program is unaffected by this as the purpose is to eliminate the redundancy of reporting and recordkeeping for seven separate companies. There are no changes in ownership, operation, personnel, facilities, etc. Record keeping and document availability are unchanged.
- III. We wish to amend our license to indicate that the Radiation Safety Officer will provide oversight of licensed activities and will ensure that radiation safety activities are being performed in accordance with approved procedures and regulatory requirements in accordance with 10 CFR 35.21. This change will in no manner reduce the RSO's authority and prerogative to identify radiation safety problems; initiate, recommend, or provide corrective actions; or to verify corrective actions.

The history of Meritus' use of licensed material shows that at the onset of service, the RSO was an independent physicist whose office was remote from any actual service site. When this resulted in a lesser level of supervision than mandated, Meritus instituted an ALARA Program calling for a "formal inspection of each unit at least but not limited to once per calendar month." Since that time Meritus changed RSO's and the replacement Officer, Francis George, MD, is routinely at our service site and regularly reviews and supervises licensed activities of our personnel. We believe that this level of hands on involvement meets the requirements without the necessity of an added "formal inspection".

Payment of the license amendment fee of \$440.00 is enclosed.

I trust this information will assist you in preparing our license amendment. Should you have any questions regarding this application, please call.

Sincerely,  
MERITUS HEALTH SYSTEMS/MERITUS PLS

  
Joel Dobson  
/Administrator

Enclosures

20115

# The American Board of Radiology

257153

Organized through the cooperation of the  
American College of Radiology, the American Roentgen Ray Society,  
the American Radiology Society, the Radiological Society of North America,  
the Section on Radiology of the American Medical Association,  
the American Society for Therapeutic Radiology and Oncology,  
and the Association of University Radiologists  
Solely certifies that

**SCOT A. FERRELL, M.D.**

Has pursued an accepted course of graduate study  
and clinical work, has met certain standards and qualifications and  
has passed the examinations conducted under the authority of

The American Board of Radiology

On this twenty-sixth day of May, 1988

Thereby demonstrating to the satisfaction of the Board  
that he is qualified to practice the specialty of

**Diagnostic Radiology**

M. Paul Capp. M.D. *Frank R. Gundersen, M.D.*  
President Secretary



# The American Board of Radiology

Organized through the cooperation of the  
American College of Radiology, the American Roentgen Ray Society,  
the American Radium Society, the Radiological Society of North America,  
the Section on Radiology of the American Medical Association  
and the American Society of Therapeutic Radiologists  
The Society certifies that

**Reminis Joseph Mc Cabe, M.D.**

Has pursued an accepted course of graduate study  
and clinical work, has met certain standards and qualifications and  
has passed the examinations conducted under the authority of

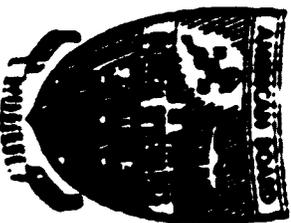
*The American Board of Radiology*

On this seventh day of June, 1975

The Society demonstrating to the satisfaction of the Board  
that he is qualified to practice the specialty of  
**Diagnostic Radiology**

*Robert N. Cooley*  
Secretary

*C. Allen Ford*  
President



# The American Board of Radiology

Organized through the cooperation of the  
 American College of Radiology, the American Roentgen Ray Society,  
 the American Radium Society, the Radiological Society of North America,  
 the Section on Radiology of the American Medical Association,  
 the American Society for Therapeutic Radiology and Oncology,  
 and the Association of University Radiologists  
 hereby certifies that

**Mark Cameron Hopmann, M.D.**

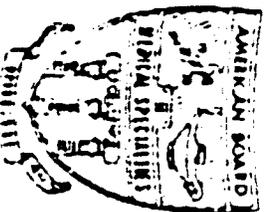
Has pursued an accepted course of graduate study  
 and clinical work, has met certain standards and qualifications and  
 has passed the examinations conducted under the authority of  
 The American Board of Radiology

On this eleventh day of June, 1987

Thereby demonstrating to the satisfaction of the Board  
 that he is qualified to practice the specialty of

**Diagnostic Radiology**

*M. Paul Capp, M.D.*      *Frank R. Gendron, M.D.*



**OFFICIAL RECORD COPY**

**MATERIALS LICENSE**

Amendment No. 8

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. <b>Meritus PLS, Inc.</b> (formerly Meritus Health Systems, Inc.)</p> <p>2. 233 Hershberger Road Suite 200 Roanoke, Virginia 24012</p>	<p>In accordance with letter dated August 20, 1996</p> <p>3. License Number: 45-25194-01</p> <p>is amended in its entirety, to read as follows</p> <hr/> <p>4. Expiration Date: <b>July 31, 2002 (extended)</b></p> <hr/> <p>5. Docket or Reference No.: 030-32701</p>
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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 111 megabecquerels (30 $\mu$ Ci)
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 35.50(a), the licensee may transport molybdenum-99/technetium-99m generators to temporary job locations for use only within the mobile nuclear medicine facility

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PDR ADOCK 03032701  
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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number	45-25194-01
Docket or Reference Number	030-32701
Amendment No. 8	

(Continued)

CONDITIONS

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) Dickerson County Medical Center, Hospital Drive, Clintwood, Virginia.
- (6) Community Radiology of Virginia, Inc., 2000 Leatherwood Lane, Bluefield, Virginia and/or 2001 Leatherwood Lane, Bluefield, West Virginia.
- (7) Welsh Emergency Hospital, 454 McDowell Street, Welsh, West Virginia.
- (8) The Heart Institute of Southern West Virginia, 110 South Court Street, Lewisburg, West Virginia.
- (9) Grant Memorial Hospital, Route 55 West, Petersburg, West Virginia.
- (10) Weaver Medical Associates, P.C., 505 Leigh Street #102, Richmond, Virginia.
- (11) Cardiac Care Associates, 8201 Greensboro Drive, Vienna, Virginia.
- (12) Radiology Associates, PC, 13890 Braddock Road, Centreville, Virginia.
- (13) Commonwealth Valley Imaging, 106 North Lee Street, #1, Luray, Virginia.

11. Radiation Safety Officer: Francis H. George, M.D.

12.	<u>Authorized users</u>	<u>Material and Use</u>
A.	Francis H. George, M.D.	Medical uses described in 10 CFR 35.100 and 35.200.
B.	Mohammad Ebrahim Dehgen, M.D.	Medical uses described in 10 CFR 35.100 and 35.200.
C.	Walter W. Wolfe, M.D.	Medical uses described in 10 CFR 35.100 and 35.200.
D.	Ann Jackson Smith, M.D.	Technetium 99m radiopharmaceuticals for cardiac imaging studies.
E.	Michael E. Snahan, M.D.	Medical uses described in 10 CFR 35.100 and 35.200.

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License Number

45-25194-01

Docket or Reference Number

030-32701

Amendment No. 8

(Continued)

## CONDITIONS

Authorized usersMaterial and Use

- |    |                             |  |
|----|-----------------------------|--|
| F. | Ezad N. Ahmad, M.D.         | Technetium 99m radiopharmaceuticals for cardiac imaging studies. |
| G. | M. R. Ramakrishnan, M.D.    | Medical uses described in 10 CFR 35.100 and 35.200.              |
| H. | Je Hyun Kim, M.D.           | Medical uses described in 10 CFR 35.100 and 35.200.              |
| I. | Steven A. Aitz, M.D.        | Medical uses described in 10 CFR 35.100 and 35.200.              |
| J. | Ali Goodarzi, M.D.          | Medical uses described in 10 CFR 35.100 and 35.200.              |
| K. | Stephen P. Raskin, M.D.     | Medical uses described in 10 CFR 35.100 and 35.200.              |
| L. | Emily Wang Lewis, M.D.      | Medical uses described in 10 CFR 35.100 and 35.200.              |
| M. | F. Caryle Stebner, M.D.     | Medical uses described in 10 CFR 35.100 and 35.200.              |
| N. | M. S. Kim, M.D.             | Medical uses described in 10 CFR 35.100 and 35.200.              |
| O. | J. K. Kim, M.D.             | Medical uses described in 10 CFR 35.100 and 35.200.              |
| P. | Yvonne J. Weaver, M.D.      | Technetium 99m radiopharmaceuticals for cardiac imaging.         |
| Q. | Vincent J. Mascarello, M.D. | Medical uses described in 10 CFR 35.100 and 35.200.              |
| R. | Scot A. LeBolt, M.D.        | Medical uses described in 10 CFR 35.100 and 35.200.              |
| S. | Dennis Joseph McCabe, M.D.  | Medical uses described in 10 CFR 35.100 and 35.200.              |
| T. | Mark Cameron Lopiano, 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 30.36.
  14. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
  15. The licensee shall maintain records of information important to safe and effective decommissioning at 233 Hersbberger 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 in 10 CFR 30.35 for establishing decommissioning financial assurance.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number 45-25194-01

Docket or Reference Number 030-32701

Amendment No. 8

(Continued)

Conditions

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, 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 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 [add place of use and delete alternate RSO]
- (8) February 2, 1995 [add users, linearity kit, RSC structure, mobile sites]
- (9) June 9, 1995 [added information for authorized user]
- (10) November 22, 1995 [Add new users and new temporary jobsites]
- (11) March 25, 1996 [Description of new mobile nuclear medicine unit]
- (12) May 14, 1996 [Addition of two authorized users; and Addition of another hospital as a location of use]
- (13) May 21, 1996 [Facsimile regarding deletion of an authorized user; and Extension of expiration date in accordance with 10 CFR 30.36]
- (14) August 20, 1996 (Add users and places of use, change name)

C. Letter and attachments received April 19, 1993

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

BY Earl G. Wright

Region II, Division of Nuclear Materials Safety  
101 Marietta Street, N.W., Suite 2900  
Atlanta, GA 30323-0199

DATE SEP 11 1996  
*J 9/11/96*

LETTER:  
License Fee Management Branch, ADH  
and  
Regional Licensing Sections

(FOR LPRS USE)  
INFORMATION FROM LRS  
: : : : :  
: Program Code: 02220  
: Status Code: 0  
: Fee Category: 7C 28  
: Exp. Date: 20020731  
: Fee Comments:  
: Decom Fin Assur Req'd: N  
: : : : :  
: : : : :

LICENSE FEE TRANSMITTAL

A. REGION II

1. APPLICATION ATTACHED  
Applicant/Licensee: MERITUS HEALTH SYSTEMS, INC.

Received Date: 960826  
Docket No.: 3032701  
Control No.: 257175  
License No.: 45-25194-01  
Action Type: Amendment

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2. FEE ATTACHED

Amount: 440.00  
Check No.: 002223

3. COMMENTS

Signed: Diana Klein  
Date: \_\_\_\_\_

8. LICENSE FEE MANAGEMENT BRANCH - Check when milestone 03 is entered (1/1)

1. Fee Category and Amount: MC 2B 2000

2. Correct fee paid. Application may be processed for:  
Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_

3. OTHER

Signed: Anty Plessler  
Date: 9/13/96

LOG	Remitter	Check No.	Amount	Fee Category	Type of Fee	Date Check Rec'd.	Date Completed	By:
3032701	Meritus Health Systems, Inc.	002223	440.00	MC 2B	Amendment	9/13/96		Klein