

MATERIALS LICENSE

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. Muskogee Regional Medical Center
2. 300 Rockefeller Drive
Muskogee, Oklahoma 74401

In accordance with facsimile dated
January 10, 1997

3. License number 35-13157-01 is amended in
its entirety to read as follows:

4. Expiration date December 31, 2002

5. Docket or
Reference No 030-02922

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 35.400

- E. Any byproduct material
identified in
10 CFR 35.500

- F. Any byproduct material
identified in
10 CFR 31.11

- 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. Any brachytherapy
source identified in
10 CFR 35.400

- E. Sealed sources for
diagnostic devices
identified in
10 CFR 35.500

- F. Prepackaged Kits

- A. As needed

- B. As needed

- C. 500 millicuries

- D. As needed

- E. 2 curies per source

- F. As needed

200106

OFFICIAL RECORD COPY

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PDR ADOCK 03002922
C PDR

M140

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

35-13157-01

Docket or Reference Number

030-02922

Amendment No. 40

9. Authorized Use:

- A. Medical use described in 10 CFR 35.100.
- B. Medical use described in 10 CFR 35.200.
- C. Medical use described in 10 CFR 35.300.
- D. Medical use described in 10 CFR 35.400 and, for Cesium-137, calibration of licensee's survey meters and personnel dosimeters.
- E. Medical use described in 10 CFR 35.500.
- F. In vitro studies.

CONDITIONS

10. Location of use: 300 Rockefeller Drive, Muskogee, Oklahoma.

11. Radiation Safety Officer: Harry Barker

12. Authorized Users:

- A. John Anthony Yeabower, Jr., M.D., for material identified in 10 CFR 35.100, 35.200, 35.500, and 31.11.
- B. Lawrence Cibula, M.D., for material identified in 10 CFR 35.400 and 35.500.
- C. George H. Ladd, M.D., for material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.
- D. Gary G. Evans, M.D., for material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.
- E. Carl Critchfield, M.D., for material identified in 10 CFR 35.100, 35.200, 35.500, and 31.11; and Iodine-131 for treatment of hyperthyroidism and cardiac dysfunction.
- F. William P. Chamberlain, M.D., for material identified in 10 CFR 35.100 and 31.11.
- G. Rodney Cave, M.D., for material identified in 10 CFR 35.100, 35.200, and 31.11.
- H. Jim Andrew Bolene, M.D., for material identified in 10 CFR 35.100, 35.200, and 31.11.
- I. Daniel P. Murphy, M.D., for material identified in 10 CFR 35.300 and 35.400.
- J. Mohamad Amer Mahayni, M.D., for material identified in 10 CFR 35.200 for nuclear cardiology studies.

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SUPPLEMENTARY SHEET

License Number

35-13157-01

Docket or Reference Number

030-02922

Amendment No. 40

- K. Gale Leslie Joslin, M.D., for material identified in 10 CFR 35.100, 35.200, and 31.11.
- L. William Clark Cheek, M.D., for material identified in 10 CFR 35.100, 35.200, 35.300, and 31.11.
- M. Diego Sebastian Humphrey, M.D., for material identified in 10 CFR 35.200.
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. The U.S. 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 September 11, 1990
- B. Letter dated December 7, 1992
- C. Letter dated July 22, 1993
- D. Letter dated November 8, 1993
- E. Letter dated February 27, 1995
- F. Letter dated March 31, 1995
- G. Letter dated December 11, 1995
- H. Letter dated April 8, 1996
- I. Facsimile dated January 10, 1997

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 14 1997

By

M.C. Hernandez
Christi HernandezNuclear Materials Licensing Branch
Region IV
Arlington, Texas 76011



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

January 14, 1997

Muskogee Regional Medical Center
ATTN: Harry Barker
Radiation Safety Officer
300 Rockefeller Drive
Muskogee, Oklahoma 74401

SUBJECT: LICENSE AMENDMENT

Please find enclosed License No. 35-13157-01. You should review this license carefully and be sure that you understand all conditions. If you have any questions, you may contact the reviewer who signed your license at (817) 860-8217.

NRC expects licensees to conduct their programs with meticulous attention to detail and a high standard of compliance. Because of the serious consequences to employees and the public which can result from failure to comply with NRC requirements, you must conduct your program involving radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

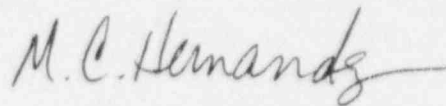
1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address (no fee required if the location of radioactive material remains the same).
5. Request and obtain written NRC consent before transferring your license or any right thereunder, either voluntarily or involuntarily, directly or indirectly, through transfer of control of your license to any person or entity. A transfer of control of your license includes not only a total change of ownership, but also a change in the controlling interest in your company whether it is a corporation, partnership, or other entity. In addition, appropriate license amendments must be requested and obtained for any other planned changes in your facility or program that are contrary to your license or contrary to representations made in your license application, as well as supplemental correspondence thereto, which are incorporated into your license. A license fee may be charged for the amendments if you are not in a fee-exempt category.

6. Maintain in a single document decommissioning records that have been certified for completeness and accuracy listing all the following items applicable to the license:
 - Onsite areas designated or formerly designated as restricted areas as defined in 10 CFR 20.3(a)(14) or 20.1003.
 - Onsite areas, other than restricted areas, where radioactive materials in quantities greater than amounts listed in Appendix C to 10 CFR 20.1001-20.2401 have been used, possessed, or stored.
 - Onsite areas, other than restricted areas, where spills or other unusual occurrences involving the spread of contamination in and around the facility, equipment, or site have occurred that required reporting pursuant to 10 CFR 30.50(b)(1) or (b)(4), including areas where subsequent cleanup procedures have removed the contamination.
 - Specific locations and radionuclide contents of previous and current burial areas within the site, excluding radioactive material with half-lives of 10 days or less, depleted uranium used only for shielding or as penetrators in unused munitions, or sealed sources authorized for use at temporary job sites.
 - Location and description of all contaminated equipment involved in licensed operations that is to remain onsite after license termination.
7. Submit a complete renewal application with proper fee, or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
8. Request termination of your license if you plan to permanently discontinue activities involving radioactive material.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedure for NRC Enforcement Actions" (Enforcement Policy), 60 FR 34381, June 30, 1995.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "M. C. Hernandez", with a long horizontal flourish extending to the right.

Christi Hernandez, Radiation Specialist
Nuclear Materials Licensing Branch

Docket: 030-02922
License: 35-13157-01
Control: 466291

Enclosures: As stated

JAN 14 1997

Muskogee Regional Medical Center

-4-

DOCUMENT NAME: G:\NMLS.O\MCH\35-13157.MLC

To receive copy of document, indicate in box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

RIV:NMLB	N						
MCHernandez	MCH						
01/14/97							

OFFICIAL RECORD COPY

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

Program Code: 02120
Status Code: 0
Fee Category: 7C
Exp. Date: 20021231
Fee Comments: CODE 16
Decom Fin Assur Req: N

1997 JAN 14 AM 7:07

LICENSE FEE TRANSMITTAL

A. REGION IV

1. APPLICATION ATTACHED

Applicant/Licensee: MUSKOGEE REGIONAL MEDICAL CENTER
Received Date: 9/20/96
Docket No.: 3002922
Control No.: 466291
License No.: 35-13157-01
Action Type: Amendment

2. FEE ATTACHED

Amount: 4
Check No.: 4

3. COMMENTS

* See below

Signed
Date

Billie M. Messier
1/14/97

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

1. Fee Category and Amount: nc

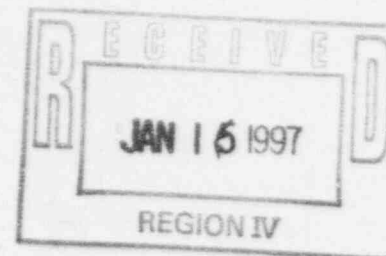
2. Correct Fee Paid. Application may be processed for:

Amendment ✓
Renewal
License

3. OTHER

Signed
Date

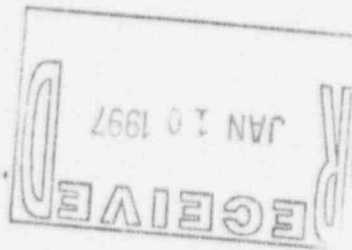
Rita Messier
1/14/97



* Continuation of m/c # 466 213. By

RECEIVED BY LFMS	
Date	1/14/97
Log	Jan 1 IV
By	Rita
Date Completed	1/14/97

HERE'S THE FAX



Instructions



#35-13157-01

DOCKET: 030-0292L

CONTROL: 466213

FAX MESSAGE

MUSKOGEE REG. MED. CTR

FROM: HARRY BARKER, RSO

FAX# 918-684-2196

#918-684-2133
OFFICE

TO: CHRISTIE HERNANDEZ FAX# 817-860-8263

DATE: 1/10/96 PAGES: 3

SUBJECT: DR. HUMPHREY 500 HOURS WORK EXPERIENCE DOCUMENTATION

COMMENTS: PLEASE LET ME KNOW ASAP BECAUSE HE WANTS
TO PERFORM STUDIES. THANKS ALOT
HARRY

Jan-10-97 09:18 CCOM Inc.
7-04-1995 2:28AM FROM

9186835677

P.01
P.1



Episcopal Heart Institute

VIDYA S. BANKA, M.D., ASSCC., P.C.

Vidya S. Banka, M.D., F.A.C.C., F.A.C.P.
Constantine E. Kosmas, M.D.
(215) 427-7247 • (215) 426-2665

EPISCOPAL HOSPITAL • 100 East Lehigh Avenue • Philadelphia, PA 19125-1096 • (215) 427-7247

July 9, 1996

Department of Medical Staff Services
Muskogee Regional Medical Center
300 Rockefeller Drive
Muskogee, OK 74401

To whom It May Concern:

It gives me great pleasure to write a letter of recommendation for Diego Sebastian Humphrey, M. D. for licensing in the use of radioisotopes in the field of Nuclear Cardiology. Dr. Humphrey underwent his Fellowship in Cardiovascular Diseases at Episcopal Heart Institute for a period of three years. During this period more than ten months were spent in non-invasive cardiovascular techniques with a specific period of six months involving interpretation of nuclear cardiology studies. On an average, 4-6 nuclear cardiology studies, which include Exercise Thallium Scans, Persantine Thallium Scans, use of Sestamibi and MUGA Scans for left ventricular function, are performed on a daily basis. The cardiology fellows, when assigned to this laboratory, spend dedicated time in interpretation of these studies and correlation of these studies with other modalities.

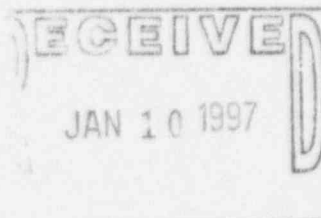
Educational lectures on the use of appropriate radioisotopes and interpretation of the results are constantly carried out in the department. In addition, the responsibilities of the fellow include selection of the appropriate radioisotope and interpretation of the results in collaboration with a nuclear licensed physician.

In getting this experience, Dr. Humphrey is aware of the health physics procedures of the facilities and radiopharmaceutical preparation of our facility as stipulated in the license of our facility. Dr. Humphrey has spent more than 500 hours in the interpretation and performance of nuclear cardiology studies during his fellowship. He also has more than 500 hours of supervised work experience.

Jan-10-97 09:18 CCOM Inc.
7-04-1995 0:29AM FROM

9186835677

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P.2



Department of Medical Staff Services

Page 2 of 2

I am quite confident that Dr. Humphrey will be able to provide optimal interpretation, teaching and selection of appropriate isotopes for nuclear cardiology studies in his laboratory. I would strongly recommend him for inclusion as a licensed physician in the use of radioisotopes at your facility.

Sincerely,

A handwritten signature in dark ink, appearing to read "Vidya S. Banka". The signature is fluid and cursive, with a prominent initial "V".

VIDYA S. BANKA, M. D.
Radioisotope Material license No. 3703420-01
Episcopal Heart Institute
Clinical Professor of Medicine
Attending Cardiologist

VSB/dm

466291