

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.

93962

Licensee

1. Missouri Delta Medical Center

2. 1008 North Main Street  
Sikeston, MO 63801-5099

In accordance with letter received  
September 8, 1992

3. License number 24-12876-02 is amended in  
its entirety to read as follows:

4. Expiration date October 31, 1995

5. Docket or  
Reference No 030-02377

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

B. As needed

C. Any byproduct  
material identified  
in 10 CFR 35.300

C. Any  
radiopharmaceutical  
identified in 10 CFR  
35.300 (excluding  
iodine-131 for  
thyroid carcinoma)

C. As needed

D. Any byproduct  
material identified  
in 10 CFR 35.500

D. Sealed sources  
identified in  
10 CFR 35.500

D. As needed

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 (excluding iodine-131 for thyroid carcinoma).

D. Medical use described in 10 CFR 35.500 in devices which have been evaluated and approved for licensing purposes by the U.S. Nuclear Regulatory Commission or an Agreement State.

9302260018 921102  
PDR ADOCK 03002377  
C PDR

COPY

2

Mr. 344d

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number  
24-12876-02

Docket or Reference number  
030-02377

Amendment No. 15

CONDITIONS

10. Location of Use: 1008 North Main Street, Sikeston, Missouri.
11. Radiation Safety Officer: Robert S. Colbert, M.D.
12. Authorized Users:
  - A. Robert S. Colbert, M.D., for material in 10 CFR 35.100, 35.200, 35.300 (excluding iodine-131 for thyroid carcinoma) and 35.500.
  - B. Laghaieh Rezvani, M.D., for material in 10 CFR 35.100, 35.200 and 35.500.
  - C. Salvatore Conti, M.D., for material in 10 CFR 35.100 and 35.200.
13. Pursuant to Title 10, Chapter I, Code of Federal Regulations, Part 40, "Domestic Licensing of Source Material," the licensee is authorized to possess, use, transfer, and import up to 999 kilograms of depleted uranium contained as shielding material in the molybdenum-99/technetium-99m generators authorized by this license.
14. Leak tests shall be performed by Radiation Consultants of Mid-America, Inc., or by persons specifically authorized by the Commission or Agreement State to perform such services.
15. The licensee shall maintain records of information important to safe and effective decommissioning at the location listed in Item 2 of this license per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
16. The licensee is based on the licensee's statements and representations listed below:
  - A. Application dated July 19, 1990; and
  - B. Letters dated July 26, 1990 (with attachments), August 21, 1990 (excluding Item 7), December 12, 1990 (excluding Item 3.) (with attachments), February 16, 1991 (with attachments), May 19, 1991, and August 1992, (received September 8, 1992.)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date NOV 02 1992

By

*Patricia M. Vachon*  
Materials Licensing Section, Region III

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: 19951031  
FEE COMMENTS: CODE 23  
DECOM FIN ASSUR REQ: Y

LICENSE FEE TRANSMITTAL

A. REGION III

1. APPLICATION ATTACHED  
APPLICANT/LICENSEE: MISSOURI DELTA COMMUNITY HOSPITAL  
RECEIVED DATE: 920908  
DOCKET NO: 3002377  
CONTROL NO.: 393962  
LICENSE NO.: 24-12876-02  
ACTION TYPE: AMENDMENT

2. FEE ATTACHED  
AMOUNT: \$432.00  
CHECK NO.: 049249

3. COMMENTS

SIGNED  
DATE

P. Rutliff  
9-10-92

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED) ☒

1. FEE CATEGORY AND AMOUNT: 7C \$460

2. CORRECT FEE PAID, APPLICATION MAY BE PROCESSED FOR:  
AMENDMENT ☒  
RENEWAL ☐  
LICENSE ☐

3. OTHER

SIGNED  
DATE

Rita Jacques  
9/30/92

OCT 02 1992

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PROGRAM CODE: 02120
STATUS CODE: 0
FEE CATEGORY: 7C
EXP. DATE: 19951031
FEE COMMENTS: CODE 23
DECOM FIN ASSUR RECD: Y

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CONTROL NO. 93962





Missouri Delta Medical Center

September 24, 1992

RECEIVED

'92 SEP 30 A8:35

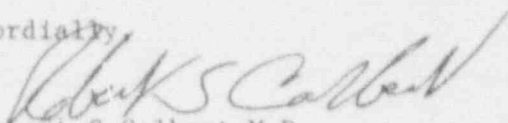
U.S. Nuclear Regulatory Commission  
ATTN: Cheryl Phillips  
License Fee and Debt Collection Branch, OC/DAF  
Mail Stop MNBB 4503  
Washington, D.C. 20555

U.S. NRC  
LIC. FEE MGMT. BRANCH

Gentlemen:

Enclosed please find check for \$30.00 for the amendment to our  
NRC license. License No. 24-12876-02. Sorry for the inconvenience.  
Thank you for attention to this matter.

Cordially

  
Robert S. Colbert, M.D.

RSC:11

"Caring for you and those you care about"

1008 North Main  
Sikeston, Missouri 63801-5099  
(314) 471-1600

SEP 21 1992

Missouri Delta Community Hospital  
ATTN: Robert S. Colbert, M.D.  
1008 North Main  
Sikeston, MO 63801-5099

Gentlemen:

This refers to your letter dated August 1992, for an amendment to Materials License 24-12876-02.

We received your check for \$430. Your request, however, is subject to an amendment fee of \$460 as specified in fee Category 7C of \$170.31, 10 CFR 170, which went into effect August 24, 1992. A copy of the July 23, 1992, Federal Register notice regarding the revisions to the Commission's license and annual fee regulations (10 CFR 170 and 10 CFR 171) is enclosed.

Please note that effective August 24, 1992, materials licensees are also subject to the annual fees specified in revised 10 CFR 171. Payment of the additional \$30 fee should be made to the U.S. Nuclear Regulatory Commission and mailed to the following address:

U.S. Nuclear Regulatory Commission  
ATTN: Cheryl Phillips  
License Fee and Debt Collection Branch, OC/DAF  
Mail Stop MNBB 4503  
Washington, DC 20555

Your application will be processed by the Region III Licensing staff located at 799 Roosevelt Road, Glen Ellyn, Illinois 60137. The fee, however, is required prior to issuance of the amendment. When submitting the additional fee, please refer to CONTROL NUMBER 393962.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we shall assume that you do not wish to pursue your application and will void this action.

Sincerely,

*LS*

Cheryl Phillips  
License Fee and Debt Collection Branch  
Division of Accounting and Finance  
Office of the Controller

Enclosure:  
July 23, 1992, Federal Register notice

cc: Region III

DISTRIBUTION  
Pending Fee File  
OC/DAF R/F  
LFDCB R/F (2)

OFFICE: OC/LFDCB *Rj* OC/LFDCB *M*  
NAME: REJacques:ab MMessier  
DATE: 9/16/92 9/16/92

32\B:ADD-12.mer



Missouri Delta Medical Center

August 1992

United States Nuclear Regulatory Commission  
Region III  
Attention: Material Licensing Section  
799 Roosevelt Road  
Glen Ellyn, IL 60137

RE: License Number 24-12876-02

Dear Sirs:

Log	SEP 9 11
Remitter	
Check No.	049749/049776
Amount	\$4307.30
Fee Category	7C
Type of Fee	ampl
Date Check Rec'd.	9/30
Date Completed	9/30
By:	Ly

Enclosed please find a check for the amount of \$430.00 to be used for the purpose of amending our current N.R.C. materials license.

1. We would like to remove Robert L. Dever, M.D. from our materials license as an authorized user.
2. We would also like to add Salvatore Conti, M.D. to our materials license as an authorized user. Please see enclosed copy of Bellville Memorial Hospital's Materials License, (Illinois Number IL-01191-01, an agreement state).
3. We would also like to amend our leak testing procedure to read as follows: Leak Tests shall be performed by Radiation Consultants of Mid-America, Inc., or the Leak Tests will be performed by a licensed group of equal or better expertise.
4. Also we would like to amend our training program for individuals working in or frequenting restricted areas to include printed material as a source of training information. The groups of individuals and the frequency of the training shall stay the same as stated in our current Material License.

If there are any questions concerning this document please do not hesitate to call or write for more information. Thank you for your attention to this matter.

Cordially,

Robert S. Colbert, M.D.

NUCLEAR REG  
COMMISSION

SEP 11 PM 2:50

RECEIVED

PM 9/4/92  
RECEIVED

SEP 08 1992

REGION III

"Caring for you and those you care about"

1008 North Main  
Sikeston, Missouri 63801-5099  
(314) 471-1600  
Fax: (314) 471-5075

CONTROL NO.

93962





# DEPARTMENT OF NUCLEAR SAFETY

## RADIOACTIVE MATERIAL LICENSE

DIVISION OF NUCLEAR MATERIALS  
1035 OUTER PARK DRIVE  
SPRINGFIELD, ILLINOIS 62704

Pursuant to the Illinois Radiation Protection Act and the rules and regulations in 32 Illinois Administrative Code promulgated thereunder, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material(s) listed herein; and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Illinois Department of Nuclear Safety now or hereafter in effect and to any conditions specified in the license.

### LICENSEE

The Memorial Hospital  
4501 North Park Drive  
Belleview, Illinois 62223

### LICENSE NUMBER

IL-01191-01

### EXPIRATION DATE

January 31, 1993

### AMENDMENT NUMBER

☐ INITIAL LICENSE

3

### REFERENCE NUMBER

9067414

☐ Initial License

Amendment

through Amendment

constitute a complete license

☒ PREVIOUS AMENDMENTS ARE VOID.

Attention: Harry R. Maier  
President

In accordance with application dated November 20, 1989, License Number IL-01191-01 is amended in its entirety.

ITEM	RADIOISOTOPE	CHEMICAL AND/OR PHYSICAL FORM	MAXIMUM ACTIVITY* PER SOURCE	MAXIMUM POSSESSION LIMIT
A.	Any in Groups I or II	Any radiopharmaceutical listed in Groups I or II, 32 Ill. Adm. Code 330.App.C		As necessary
B.	Any in Group III	Any form listed in Group III, 32 Ill. Adm. Code 330.App.C		As necessary
C.	Any in Groups IV or V	Any radiopharmaceutical listed in Groups IV or V, 32 Ill. Adm. Code 330.App.C		As necessary
D.	Any in Group VI	Any sealed source listed in Group VI, 32 Ill. Adm. Code 330.App.C		1 Ci
E.	Any radionuclide	Any commercially available calibration or reference source	15 mCi	Any
F.	Xe-133	Gas or gas in solution		2.5 Ci
G.	Gd-153	Sealed Source - Lunar Radiation Corporation Model GD Series	1.5 Ci	3 Ci

\* mCi-Microcurie; mCi-Microcurie; Ci-Curie

BY:

*Joseph G. Klinger*  
Joseph G. Klinger, Head of Licensing Section

DATE

January 2, 1990

PAGE

OF

PAGES

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CONROL NO.

93962

STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
RADIOACTIVE MATERIAL LICENSE

LICENSEE <b>The Memorial Hospital</b>		LICENSE NUMBER <b>IL-01191-01</b>	AMENDMENT NUMBER <input type="checkbox"/> INITIAL LICENSE <b>3</b>	EXPIRATION DATE <b>January 31, 1993</b>
ITEM	RADIOISOTOPE	CHEMICAL and/or PHYSICAL FORM	MAXIMUM ACTIVITY* PER SOURCE	MAXIMUM POSSESSION LIMIT

### AUTHORIZED USE:

- A. Any diagnostic procedure listed in Groups I or II, 32 Ill. Adm. Code 330.App.C.
- B. Preparation and use of radiopharmaceuticals for any diagnostic procedure listed in Group III, 32 Ill. Adm. Code 330.App.C.
- C. Any therapeutic procedure listed in Group IV or V, 32 Ill. Adm. Code 330.App.C.
- D. Any procedure listed in Group VI, 32 Ill. Adm. Code 330.App.C.
- E. Calibration or reference standards for use in accordance with 32 Ill. Adm. Code 330.260(c)(4)(D) and 330.260(c)(5) and (6).
- F. Blood flow and/or pulmonary function studies.
- G. For use in Lunar Radiation Corporation Model DP3 Spine/Femur Scanner for analysis of human bone mineral content.

### CONDITIONS

1. Radioactive material shall be used only at the licensee's facilities located at 4501 North Park Drive, Belleville, Illinois in accordance with statements, representations and procedures listed in License Condition 24.
2. Radioactive material is authorized for use by, or under the supervision of, the following individual(s) for the materials and uses indicated:
 

Robert J. Aufferburg, M.D.	A. and B.
Mary W. Conti, M.D.	A11
Salvatore Conti, M.D.	A., B., F. and G. Group IV
Kenneth L. Kraudel, M.D.	A., B., F. and G. Iodine-131 for treatment of hyperthyroidism or cardiac dysfunction

\* mCi-Microcurie; mCi-Millicurie; Ci-Curie
PAGE 1 SIGNED BY:
**Joseph G. Klinger, Head of Licensing Section**  
 IL 473-0059

DATE
**January 2, 1990**
PAGE
OF
PAGES
**2**
**9**
**CONTROL NO.**
**98962**

NOV 04 1992

Missouri Delta Medical Center  
ATTN: R. S. Colbert, M.D.  
Radiation Safety Officer  
1008 N. Main Street  
Sikeston, MO 63801

Dear Dr. Colbert:

Enclosed is Amendment No. 15 to your NRC License No. 24-12876-02 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. 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; Inspections," 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.
5. Request and obtain appropriate amendment if you plan to change ownership of your organization, change locations of radioactive material, or make any other changes in your facility or program which are contrary to your license conditions or representations made in your license application and any supplemental correspondence with NRC. Any amendment request should be accompanied by the appropriate fee specified in 10 CFR Part 170.
6. 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.
7. Request termination of your license if you plan to permanently discontinue activities involving radioactive material prior to your expiration date.

NOV 04 1992

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations in your license application will result in enforcement action against you in accordance with the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

If you have any questions or require clarification of any of the above stated information, contact us at (708) 790-5625.

Sincerely,

Original Signed By  
Patricia M. Vacherlon  
Materials Licensing Section

Enclosure: Amendment No. 15

R111

Vacherlon/jaw

11/02/92