

MATERIALS LICENSE

Amendment No. 22

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.

301831

Licensee

In accordance with letter received
September 16, 19963. License Number 24-16178-01 is amended in
its entirety to read as follows:

4. Expiration Date September 30, 2000

5. Docket or
Reference No. 030-105326. Byproduct, Source, and/or
Special Nuclear Material7. Chemical and/or Physical
Form8. Maximum Amount that Licensee
May Possess at Any One Time
Under This LicenseA. Any byproduct
material identified
in 10 CFR 35.100A. Any
radiopharmaceutical
identified in 10 CFR
35.100

A. As needed

B. Any byproduct
material identified
in 10 CFR 35.200B. Any
radiopharmaceutical
identified in 10 CFR
35.200

B. As needed

C. Any byproduct
material identified
in 10 CFR 35.300C. Any
radiopharmaceutical
identified in 10 CFR
35.300

C. As needed

D. Any byproduct
material identified
in 10 CFR 35.400D. Any brachytherapy
source identified in
10 CFR 35.400

D. As needed

E. Any byproduct
material identified
in 10 CFR 31.11

E. Prepackaged Kits

E. As needed

Authorized Use: 270089

A. Medical use described in 10 CFR 35.100.

B. Medical use described in 10 CFR 35.200.

9611270279 960925
PDR ADOCK 03010532
C PDR

COPY

01
2 ML
30
10

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

24-16178-01

Docket or Reference Number

030-10532

Amendment No. 22

- C. Medical use described in 10 CFR 35.300.
- D. Medical use described in 10 CFR 35.400.
- E. In vitro studies.

CONDITIONS

- 10. Location of Use: 2525 Glenn W. Hendren Drive, Liberty, Missouri.
- 11. Radiation Safety Officer: Larry Nussbaum, M.D.
- 12. Authorized Users:
 - A. Primall Gukhool, M.D., for material in 10 CFR 35.100, 35.200, 35.300 and 31.11.
 - B. Robert A. MacNaughton, II, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
 - C. Richard A. Morrison, M.D., for material in 10 CFR 35.400.
 - D. Larry Nussbaum, M.D., for material in 10 CFR 35.100, 35.200, and 35.300.
 - E. Mary E. MacNaughton, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
 - F. John H. Cowan, M.D., for material in 10 CFR 35.100 and 35.200.
 - G. Lawrence Lee, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
 - H. Steven C. Hannah, M.D., for material in 10 CFR 35.100, 35.200, 35.300 and 31.11.
 - I. Scott C. Cozad, M.D., for material in 10 CFR 35.400.
- 13. Pursuant to Title 10, Chapter 1, 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. Notwithstanding the provisions of Section 35.49(a) of Title 10, Code of Federal Regulations, the licensee is authorized to receive 35.400 material from NRC License Number 24-19486-02 issued to Richard A. Morrison, M.D. in accordance with procedures outlines in application dated July 19, 1990.

COPY

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

24-16178-01

Docket or Reference Number

030-10532

Amendment No. 22

15. 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.
16. The licensee shall maintain records of information important to safe and effective decommissioning at 2525 Glenn W. Hendren Drive, Liberty, Missouri per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
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. Letters dated April 23, 1990 (with attached application received April 25, 1990), and July 19, 1990 (with enclosures); and
 - B. Letter received September 16, 1996.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 5/25/96

By James Mullawer
Nuclear Materials Licensing Branch, Region III

COPY

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 02120
Status Code: 0
Fee Category: 7C 2B
Exp. Date: 20000930
Fee Comments: CODE 16
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: LIBERTY HOSPITAL
Received Date: 960916
Docket No: 3010532
Control No.: 301831
License No.: 24-16178-01
Action Type: Amendment

2. FEE ATTACHED

Amount: 430
Check No.: 757125

3. COMMENTS

Signed
Date

A. Hersey
9-15-96

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

1. Fee Category and Amount:

7C 2B \$440

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

Amendment ☒
Renewal ☐
License ☐

3. OTHER

Signed
Date

SC
10/25/96

OCT 31 1996

1996 SEP 20 AM 11:55

Log	Sep B III
Remitter	
Check No.	151122 152852
Amount	\$430 + \$10
Fee Category	7C 2B
Type of Fee	Amnd
Date Check Rec'd	9/20/96
Date Completed	10/25/96
By:	SC



Liberty Hospital **A Regional Medical Center**

2525 Glenn W. Hendren Drive • Liberty, Missouri 64068 • (816) 781-7200

U. S. Nuclear Regulatory Commission
Regional Licensing Section
801 Warrenville Road
Lisle, IL 60532-4351

RE: Amendment of License 24-16178-01

Gentlemen:

Liberty Hospital is currently licensed for 35.400 material. The license application indicated that the radiation therapist from The Radiarium (Dr. Richard Morrison or his associates) would transport the material from their facility to Liberty Hospital. In relation to that procedure, we had requested a waiver to 10 CFR 35.14.

We wish to amend the Radioactive Materials License to allow receipt of 35.400 material (excluding Cs-137) directly from approved vendors.

The material will be ordered on a case by case basis, and only that amount needed for a specific patient will be ordered. The material will be delivered directly to our Nuclear Medicine Department where the normal package receipt procedure will be followed. The material will remain in its original shipping container behind lead bricks in the Hot Lab. Any permanent implant seeds that are not used during the procedure or that are excreted through the urine will be placed in the original shipping container and stored behind lead bricks in the Hot Lab until they have decayed at least 10 half lives. They will then be disposed of as normal waste. The Ir-192 ribbons will be stored in the storage area located in the basement of our facility and which is currently listed as an authorized place of use on our license until they are returned to the vendor.

All other procedures currently outlined in our license application will be followed for the survey and use of the 35.300 material.

We wish to have Scott C. Cozad, M.D. listed as authorized user on our license. This individual should be licensed for 35.400 materials. This individual is currently listed on license #24-18628-01. This license is issued to North Kansas City Hospital, 2800 Clay Edwards Drive, North Kansas City, MO.

We have added a third camera to our department. In order to adequately locate this camera, our existing darkroom was removed, and the darkroom area/work area associated with it was expanded slightly. We have enclosed a diagram of our expanded work area. No areas were deleted or modified with the exception of this one area.

RECEIVED

SEP 16 1996

REGION III

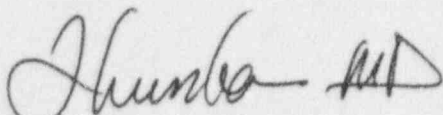
SEP 16 1996

301831

pm: 9-10-96

If you have any questions concerning the above amendment request or expansion of this room, please do not hesitate to call.

Sincerely,

A handwritten signature in dark ink, appearing to read "L. Nussbaum", followed by a stylized monogram or set of initials.

Dr. Larry Nussbaum
Radiation Safety Officer

LIBERTY Hospital

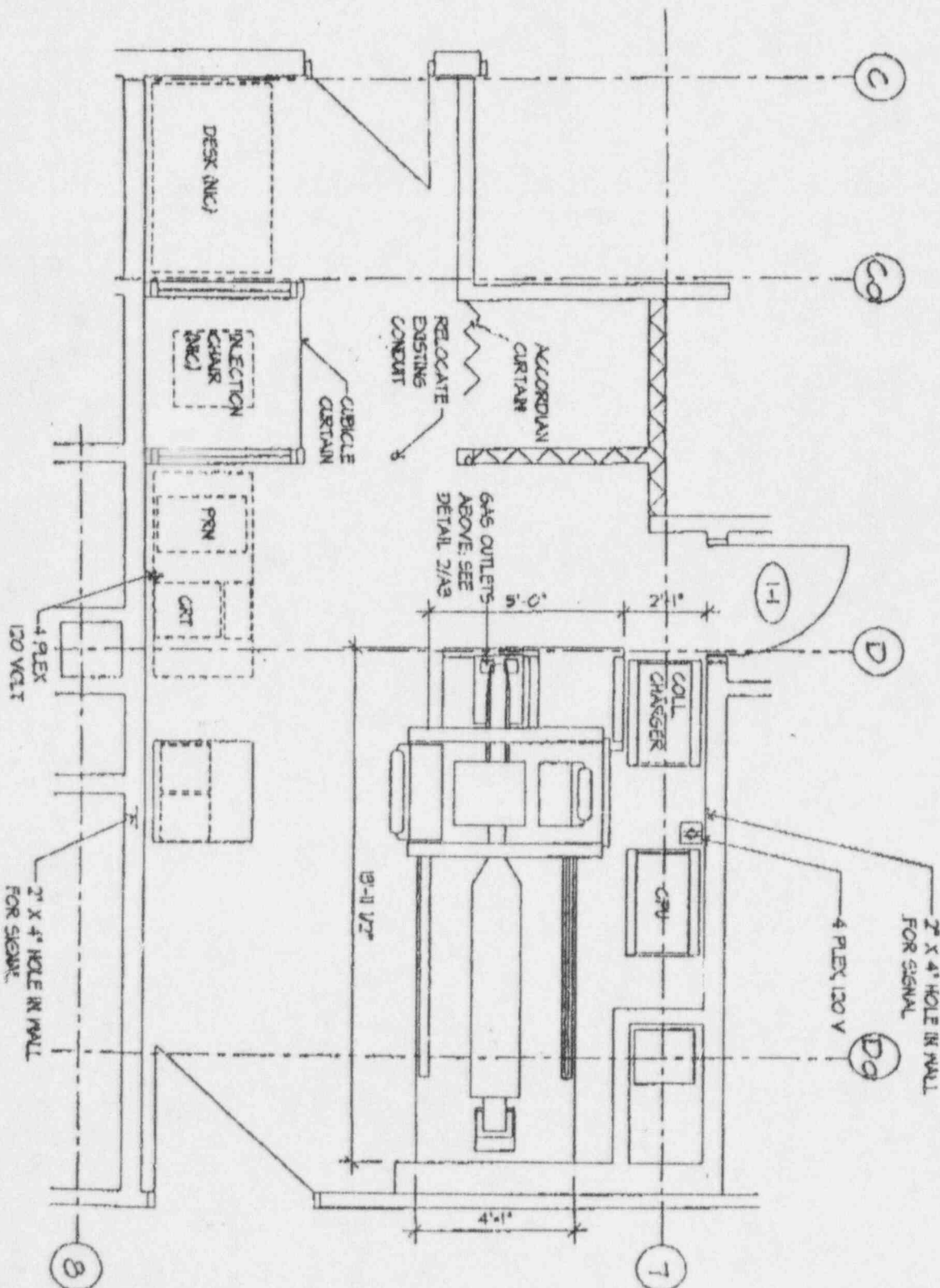
New Rm 3

6-25-1996 1:58PM

FROM WILSON-JOHNSON ASSC 913 451 2356

P. 2

Slit



FIRST FLOOR PLAN

SCALE 1/8" = 1'-0"



THERAPEUTIC RADIOLOGISTS, INC.
PARVIN ROAD RADIATION ONCOLOGY CENTER

BEN J. THRONE, M.D.
JORGE C. PARADELO, M.D.
VICKIE L. MASSEY, M.D.
SCOTT C. COZAD, M.D.
JAY S. ROBINOW, M.D.
STEPHEN R. SMALLEY, M.D.
STEPHEN S. NIGH, M.D.
KELLY L. RHODES-STARK, M.D.

August 6, 1996

Ms. Vicki Cooper
Radiation Safety Committee
Liberty Hospital
2525 Glenn W. Hendren Dr.
Liberty, Missouri 64068

Dear Ms. Cooper:

I am forwarding a copy of the NRC license for North Kansas City Hospital. As you can see, I am listed as a user on this license. As you know, Dr. Albani and I are interested in doing prostate implants which will utilize iodine-125 or palladium-103 as the sources. Please consider this a request for an amendment of the Liberty Hospital license to include myself as a user.

Again, thanks very much for your kind consideration.

Sincerely,



Scott C. Cozad, M.D.

SCC: ACCUTYPE™ 80807PKR PR

Enclosure



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

May 2, 1995

North Kansas City Memorial Hospital
ATTN: Kenneth Arnett, Ph.D.
Radiation Safety Officer
2800 Clay Edwards Drive
North Kansas City, MO 64116

SUBJECT: LICENSE RENEWAL APPLICATION

Dear Dr. Arnett:

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Any correspondence regarding the renewal application should reference the control number specified and your license number.

Sincerely,

A handwritten signature in cursive script, reading "Marianne Meenan", is written over a horizontal line.

Marianne Meenan, Chief
Nuclear Materials Support Section

License No. 24-18628-01
Control No. 398495

MATERIALS LICENSE

Amendment No. 16

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.

Licensee		In accordance with letter received October 16, 1995
1. North Kansas City Hospital		3. License Number 24-18628-01 is amended in its entirety to read as follows:
2. 2800 Clay Edwards Drive North Kansas City, MO 64116		4. Expiration Date May 31, 1995
		5. Docket or Reference No. 030-13966
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 (excluding generators)	B. As needed
C. Any byproduct material identified in 10 CFR 35.300	C. Any radiopharmaceutical identified in 10 CFR 35.300	C. As needed
D. Any byproduct material identified in 10 CFR 35.400	D. Any brachytherapy source identified in 10 CFR 35.400	D. 5 curies
E. Any byproduct material identified in 10 CFR 35.500	E. Sealed sources identified in 10 CFR 35.500	E. As needed
F. Any byproduct material identified in 10 CFR 31.11	F. Prepackaged Kits	F. As needed
G. Uranium depleted in Uranium-235	G. Cadmium plated metal	G. As needed
9. Authorized Use:		
A. Medical use described in 10 CFR 35.100.		
B. Medical use described in 10 CFR 35.200 (excluding generators).		

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

24-18628-01

Docket or Reference number

030-13966

Amendment No. 16

- C. Medical use described in 10 CFR 35.300.
- D. Medical use described in 10 CFR 35.400.
- E. 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.
- F. In vitro studies.
- G. Shielding in a linear accelerator.

CONDITIONS

10. Locations of Use: A. 2800 Clay Edwards Drive, North Kansas City, Missouri, Medical Plaza North, Northland Cardiology Office, 2750 Clay Edwards Drive, Suite 420, North Kansas City, Missouri, for diagnostic procedures in 35.200 (excluding xenon); and
- B. 2750 Clay Edwards Drive, Suite G2, North Kansas City, Missouri for brachytherapy storage and depleted uranium for linear accelerator shielding.
11. Radiation Safety Officer: Kenneth W. Arnett, M.D.
12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized UsersMaterial and Use

- A. Barry R. Cooper, M.D. 10 CFR 35.100, 35.200 (excluding generators), 35.500 and 31.11.
- B. Gerald E. McManus, M.D. 10 CFR 35.100, 35.200 (excluding generators), 35.500 and 31.11.
- C. Kenneth W. Arnett, M.D. 10 CFR 35.100, 35.200 (excluding generators), 35.300, 35.500 and 31.11.
- D. Sidney A. Crawley, M.D. 10 CFR 35.100, 35.200 (excluding generators), 35.300, 35.500 and 31.11.
- E. Gordon D. Stillie, M.D. 10 CFR 35.400.
- F. Max S. Laguerre, M.D. 10 CFR 35.400.
- G. Michael J. Krahn, M.D. 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

24-18628-01

Docket or Reference number

C30-13966

Amendment No. 16

Authorized UsersMaterial and Use

H. Ben J. Throne, M.D.	10 CFR 35.300 and 35.400.
I. Jorge C. Paradelo, M.D.	10 CFR 35.400.
J. Vickie Lea Massey, M.D.	10 CFR 35.300 and 35.400.
K. Scott C. Cozad, M.D.	10 CFR 35.400.
L. Jay S. Robinow, M.D.	10 CFR 35.300 and 35.400.
M. Stephen R. Smalley, M.D.	10 CFR 35.400.
N. Stephen S. Nigh, M.D.	10 CFR 35.300 and 35.400.

13. The licensee shall maintain records of information important to safe and effective decommissioning at the address in Condition 10.A. per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
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 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 February 19, 1990;
- B. Letters dated November 27, 1989 (with attachments); April 2, 1990 (with attachments); August 27, 1992; January 10, 1994 (with attachments, excluding item 3); April 18, 1994, May 26, 1994 and November 28, 1995; and
- C. Letters received June 13, 1991 (excluding the reference to use wrist badges in item 10.15(A.)(1)), and October 16, 1995.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 21 December 1995

By

William P. Reichwald
Nuclear Materials Licensing Branch, Region III



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

JUL 15 1996

Kenneth Arnett, M.D.
Radiation Safety Officer
North Kansas City Hospital
2800 Clay Edwards Drive
North Kansas City, MO 64116

Dear Dr. Arnett:

We have reviewed your application dated April 19, 1995, requesting renewal of NRC License No. 24-18628-01, and find that we need additional information, as follows.

1. Licensee Name

Your current NRC license is issued to *North Kansas City Hospital*. However, both of the following names are used in the renewal application: 1) *North Kansas City Hospital*, and 2) *North Kansas City Memorial Hospital*. Please indicate which of these two names is correct.

2. Authorized Materials

- A. In the April 17, 1995 letter which accompanied the renewal application, you indicated that you were not requesting authorization for xenon-133. However, in Items 5 and 6 of the application, authorization for xenon-133 is specifically requested. Please clarify.
- B. In accordance with current NRC licensing guidelines, a possession limit of one curie of iodine-131 is generally used for 10 CFR 35.300 material. If you wish to have a larger possession limit than one curie, please so state, and justify your request.
- C. Your current NRC license includes authorization for 10 CFR 35.500 material. However, in Items 5 and 6 of the application, authorization for 10 CFR 35.500 material is not requested. Please clarify.

3. Survey Meter Calibration

In Item 9.2 of the application, you state that a copy of the license issued to Radiation Consultants of Mid-America, Inc., is enclosed. Please be advised that the referenced copy was not enclosed with the application. Therefore, please submit a copy of the license.

4. Radiopharmaceutical Therapy

Please submit your step-by-step bioassay procedures for those individuals who prepare or administer doses of iodine-131 in activities greater than or equal to 30 millicuries. These procedures should address the following:

- a. The instrument, the counting time, and the geometry you will use for counting both the standard (neck phantom) and the individual;
- b. The minimum detectable activity of the system demonstrating the ability to detect levels of iodine-131 in the nanocurie range (Show the calculated efficiency of the system for iodine-131 and identify the standard used and its activity.); and
- c. The action level and the actions you will take when this level is exceeded.

5. Therapeutic Uses of Sealed Sources

- A. In Item 10.15 of the application, you state, in part, that:
1) radiation levels in the surrounding areas of the brachytherapy storage safe are such that an individual will receive less than 100 millirem in seven consecutive days, 2) radiation levels in unrestricted areas will be maintained less than the limits specified in 10 CFR 20.105(b)(1) and (b)(2), i.e., 2 millirem in any one hour or 100 millirem in any consecutive seven days, and 3) adequate shielding must be employed to insure compliance with 10 CFR 20.105(b) while transporting seeds (this is mentioned twice in Item 10.15). Please be advised that 10 CFR 20.105 has been revised, and the current regulation (10 CFR 20.1301) requires, in part, that each licensee shall conduct operations so that the total effective dose equivalent to individual members of the public from the licensed operation does not exceed 100 millirem in a year. Therefore, please update these procedures and indicate how your institution will comply with 10 CFR 20.1301 with regards to these procedures.
- B. In Item 10.15 of the application, you state, in part, that a patient's room will be posted in accordance with 10 CFR 20.203 or 20.204. Please be advised that 10 CFR 20.203 and 20.204 have been revised. Therefore, please review 10 CFR 20.1901-1903 and update these posting procedures.

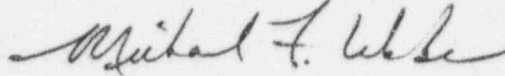
We will continue our review of your application upon receipt of this information. Please reply in duplicate, within 30 days, and refer to Control Number 398495.

K. Arnett

-3-

If you have any questions or require clarification on any of the information stated above, you may contact us at (708) 829-9887.

Sincerely,

A handwritten signature in cursive script, appearing to read "Michael F. Weber".

Michael F. Weber
Nuclear Materials Licensing Branch

License No. 24-18628-01
Docket No. 030-13966

LICENSE FEE REQUIREMENTS

LICENSE FEE AND DEBT COLLECTION BRANCH
DIVISION OF ACCOUNTING AND FINANCE
OFFICE OF THE CONTROLLER
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001LIBERTY HOSPITAL
ATTN: DR. LARRY NUSSBAUM
RADIATION SAFETY OFFICER
2525 GLENN W. HENDREN DRIVE
LIBERTY, MISSOURI 64068

TYPE OF ACTION

- ☐ NEW LICENSE
☐ RENEWAL OF LICENSE
☒ AMENDMENT TO LICENSE

REQUESTED DATE

LICENSE NUMBER

24-16178-01

CONTROL NUMBER

301831

I. APPLICATION FEE DUE

Your request for a licensing action is subject to the fee(s) in the category(ies) noted below in accordance with Section 170.31 of the enclosed Federal Register notice. Payment of the fee is required prior to the issuance of the license, renewal, or amendment.

FEE CATEGORY	APPLICATION	RENEWAL	AMENDMENT
7C	\$	\$	\$ 440.00
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$

FEE(s) DUE	\$	440.00
PAYMENT RECEIVED	\$	430.00
AMOUNT DUE	\$	10.00

☐ Your request was received without the prescribed application fee.

☒ We received your Check No. 151122 in the amount of \$ 430.00. Payment of the additional fee noted above is required.

☐ Your request will increase the scope of your license program. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(d)(2).

☐ Your license expired prior to the receipt of your application for renewal. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(a).

MAKE PAYMENT OF THE FEE(S) TO THE U.S. NUCLEAR REGULATORY COMMISSION AND MAIL THE PAYMENT TO THE ADDRESS LISTED AT THE TOP OF THIS FORM. IF WE DO NOT RECEIVE A REPLY FROM YOU WITHIN 30 CALENDAR DAYS FROM THE DATE LISTED BELOW, WE SHALL ASSUME THAT YOU DO NOT WISH TO PURSUE YOUR APPLICATION AND WILL VOID THIS ACTION.

SIGNATURE - LICENSE FEE ANALYST

LFDCB

LFDCB

Distribution:

Pending Fee File

LFARB R/F (2)

OC/DAF/RF
OC/DAF/SF(LF-3.2.7)
Region 3

DATE

Sept. 25, 1996

OCT 31 1996

Larry Nussbaum, M.D.
Radiation Safety Officer
Liberty Hospital
2325 Glenn W. Hendren Drive
Liberty, MO 64068

Dear Dr. Nussbaum:

Enclosed is Amendment No. 22 to your NRC Material License No. 24-16178-01 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please note that License Condition No. 17 was modified as discussed with Vicky Cooper on September 24, 1996. Specifically, (1) letter dated July 10, 1991 was deleted since it did not contain any procedural information; (2) application dated July 19, 1990, was deleted since it was attached to letter dated July 19, 1990, and provided not procedural information and (3) letter received April 23, 1990, (with attached application received April 25, 1990) was added since your current license was issued based on that entire application and was inadvertently omitted from tie down condition No. 17.

Please also note that the expiration date on your NRC license was extended 5 years in accordance with 10 CFR 30.36(2) and now reads September 30, 2000.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct 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. Notify NRC, in writing, within 30 days:
 - a. When an authorized user or Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or

301831

- b. When the licensee's mailing address changes (no fee is required if the location of byproduct material remains the same).
3. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license when you decide to terminate all activities involving materials authorized under the license.
4. Request and obtain a license amendment before you:
 - a. Receive or use byproduct material for a clinical procedure permitted under Part 35 but not permitted by your license issued pursuant to this Part;
 - b. Permit anyone, except individuals described in 10 CFR 35.13(b), to work as an authorized user under the license;
 - c. Change Radiation Safety Officers;
 - d. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
 - e. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
 - f. Change ownership of your organization.
5. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

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, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements,

L. Nussbaum

-3-

prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

Original Signed By
James R. Mullauer, M.H.S.
Health Physicist
Nuclear Materials Licensing Branch

License No.: 24-16178-01

Docket No.: 030-10532

Enclosure: Amendment No. 22

DOCUMENT NAME: M:\03010532.CL6

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

September 18, 1996

Larry Nussbaum, M.D.
Radiation Safety Officer
Liberty Hospital
2525 Glenn Hendren Drive
Liberty, MO 64068

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Letter Received 09/16/96)

Dear Licensee:

In response to your request, we have completed the initial processing, which is an administrative review of your application for a(n):

☐ New License ☒ Amendment ☐ Renewal
☐ Termination ☐ Auth User (Amendment not required)
☐ Other _____

No administrative deficiencies were identified during this initial review. However, it should be noted that a technical review may identify omissions in the submitted information.

It appears that your request is routine (see 1-3 below, as applicable).

1. New and amendment actions are normally processed within 90 days, unless we find major deficiencies, or policy issues requiring central program office assistance.
2. Renewal actions are normally processed within 180 days, however, under timely filing (before expiration), you may continue to operate under your existing license.
3. Termination actions are normally processed within 90 days, unless confirmatory surveys following decontamination/decommissioning activities are involved.

A copy of your correspondence has been forwarded to our Licensing Fee and Debt Collection Branch (301/415-6097) for approval of the fee category and amount, if required.

If you have a compelling safety or business-related reason for requesting expedited review, please contact the Materials Licensing Branch at (630) 829-9887. We will try to complete your request as soon as practicable. Any correspondence about this request should reference the control number.

Nuclear Materials Support Branch

Mail Control No. 301831
License No. 24-16178-01