

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, 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.

301764

Licensee	In accordance with letter dated August 8, 1996
1. River District Hospital	3. License Number 21-26213-01 is amended in its entirety to read as follows:
2. 4100 South River Road East China, MI 48054	4. Expiration Date October 31, 2000
	5. Docket or Reference No. 030-31795

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 xenon-133)	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 treatment of thyroid carcinoma)	C. As needed (not to exceed 8 curies of iodine-131)

9. Authorized Use:

A. Medical use described in 10 CFR 35.100.

B. Medical use described in 10 CFR 35.200 (excluding xenon-133).

C. Medical use described in 10 CFR 35.300 (excluding iodine-131 for treatment of thyroid carcinoma).

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PDR ADDOCK 03031795
C PDR

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

21-26213-01

Docket or Reference Number

030-31795

Amendment No. 02

CONDITIONS

10. Location of Use: 4100 South River Road, East China, Michigan.
11. Radiation Safety Officer: H. Tansuche, 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. Clare A. Scheurer, Jr., M.D. | 10 CFR 35.100 and 35.200 (excluding xenon-133). |
| B. Stanislaw Pniewski, M.D. | 10 CFR 35.100 and 35.200 (excluding xenon-133). |
| C. Jose A. Carrion, M.D. | 10 CFR 35.100 and 35.200 (excluding xenon-133). |
| D. Mark F. Yost, M.D. | 10 CFR 35.100 and 35.200 (excluding xenon-133). |
| E. Kaneez B. Shaikh, M.D. | 10 CFR 35.100 and 35.200 (excluding xenon-133). |
| F. H. Tansuche, M.D. | 10 CFR 35.100 and 35.200 (excluding xenon-133). |
| G. Herminio Calderon, M.D. | 10 CFR 35.100 and 35.200 (excluding xenon-133) and 35.300 (excluding iodine-131 for treatment of thyroid carcinoma). |
| H. James J. Snider, M.D. | 10 CFR 35.100 and 35.200 (excluding xenon-133) and 35.300 (excluding iodine-131 for treatment of thyroid carcinoma). |
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. Calibration of survey instruments will be performed only by persons specifically licensed by the NRC or an Agreement State to perform such services.

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15. Leak tests of sealed sources containing licensed material will be performed only by persons specifically licensed by the NRC or an Agreement State to perform such services.
16. The licensee will maintain records of unit dosage use in accordance with Appendix M.1 to Regulatory Guide 10.8, Revision 2.
17. The licensee will measure and record molybdenum concentration in accordance with Appendix M.3 to Regulatory Guide 10.8, Revision 2.
18. The licensee will follow the model procedure for waste disposal described in Appendix R to Regulatory Guide 10.8, Revision 2.
19. This license is based on the licensee's statements and representations listed below:
 - A. Application dated June 15, 1990 (with attachments); and
 - B. Letter dated August 1, 1990 (with attachment).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

September 17, 1996

By

Colleen C. Casey

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
Exp. Date: 20001031
Fee Comments:
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: RIVER DISTRICT HOSPITAL
Received Date: 960826
Docket No: 3031795
Control No.: 301764
License No.: 21-26213-01
Action Type: Amendment

2. FEE ATTACHED

Amount: \$30.00
Check No.: 075023

3. COMMENTS

Signed
Date

Morgan J. Dawson
8/27/96

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

1. Fee Category and Amount: 7C \$440

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

Amendment ☒
Renewal
License

3. OTHER

Signed
Date

SC 9/25/96

Log	Aug 14 III
Remitter	
Check No.	75023 / 75461
Amount	\$430 / \$10
Fee Category	7C
Type of Fee	Am
Date Check Rec'd	8/29/96
Date Completed	9/25/96
By	SC

1996 AUG 29 PM 4:25

August 8, 1996

U.S. Nuclear Regulatory Commission
Materials and Licensing Section
801 Warrenville Road
Lisle, IL 60532-4352

ATTN: Materials and Licensing

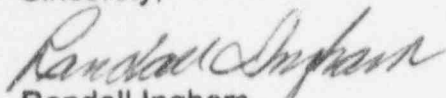
RE: License No. 21-26213-01
River District Hospital, 4100 S. River Road, East China, MI 48054

Dear Sir or Madam:

1. Please remove Kaneez B. Shaik, M.D. as Radiation Safety Officer at our facility. Dr. Shaik will remain on our license as an authorized user.
2. Please add H. Tansuche, M.D. as the new Radiation Safety Officer. Dr. Tansuche is on our current license as an authorized user.

Enclosed is a check for \$430 payable to the U.S. NRC to cover the cost of this amendment.

Sincerely,


Randall Ingham
Director of Radiology

RECEIVED
AUG 26 1996
REGION 1

OCT 02 1996
AUG 26 1996

PM 8/23/96

301764

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 20555-0001RIVER DISTRICT HOSPITAL
ATTN: RANDALL INGHAM
DIRECTOR OF RADIOLOGY
4100 S. RIVER ROAD
EAST CHINA, MICHIGAN 48054-2914

TYPE OF ACTION

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

REQUESTED DATE

8-8-96

LICENSE NUMBER

21-26213-01

CONTROL NUMBER

301764

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
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
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	\$	\$	\$

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. 75023 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

SHIRLEY BROTCHELL

9/4/96

II. FEE NOT REQUIRED

☐ Enclosed is Check No. _____ which accompanied your request. The fee is not required because:

☐ We received your Check No. _____ in payment of the fee.

☐ The Licensing staff has informed us that your request is to be considered as a continuation of your request dated _____, Control No. _____.

☐ Your request was combined, prior to review, with your _____ request, Control No. _____.

III. CHECK RETURNED

☐ Enclosed is Check No. _____ which was returned to us by the bank for:

- ☐ INSUFFICIENT FUNDS
☐ ACCOUNT CLOSED
☐ OTHER

MAIL THE REPLACEMENT CHECK TO THE ADDRESS LISTED AT THE TOP OF THIS FORM AND REFERENCE THE ABOVE CONTROL NUMBER.

IV. LICENSE ISSUED WITHOUT THE REQUIRED FEE

☐ License No. _____, Amendment No. _____, issued on _____ was issued without the required fee being collected. The fee required is noted in Section I of this form.

☐ The scope of your licensed program was increased. Therefore, your request is subject to the application fee(s) noted in Section I of this form. Refer to Section 170.31 and Footnote 1(d)(2).

☐ Because of the urgency of your request, the license was issued without remittance of the prescribed fee noted in Section I of this form.

Distribution

Pending Fee File

LFARB R/F (2)

OC/DAF/R
OC/DAF/SP (LF-3.2.7)
Region 3

DATE

Sept. 5, 1996

OCT 02 1996

Randall Ingham
Director of Radiology
River District Hospital
4100 South River Road
East China, MI 48054

Dear Mr. Ingham:

Enclosed is Amendment No. 02 to your NRC Material License No. 21-26213-01 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.

- A. In preparing this amendment, we took the opportunity to update and reformat your license with respect to Condition No. 12. and other Conditions as discussed below. These changes were administrative changes only that should have no effect on your licensed program.

Subitems A.1., A.2., A.3. and A.4. of this letter were discussed in a telephone conversation between Colleen Casey and Randall Ingham on September 9, 1996.

1. We noted that your license currently contains Condition No. 13, which authorizes the possession, use, transfer and import of up to 999 kilograms of depleted uranium (DU) contained as shielding material in the molybdenum-99/technetium-99m generators authorized by 10 CFR 35.200 on your license.

We have been advised that you may be subject to additional annual fees as a result of the DU authorization on your license. We have also been informed that you may not require the DU authorization, even if you do receive generators. It may be to your benefit to review the necessity of retaining this authorization with your generator supplier, Radiation Safety Officer, Radiation Safety Committee and senior management.

If you wish, you may direct us to remove the DU authorization from your license in your response to the above items in this letter and we will amend your license accordingly, without an additional fee. Please reference your

301764

request as additional information to Control No. 301764. We will then continue our review, without an additional fee, limited to this requested information.

Be advised that, if you include a request for anything other than this information, an amendment fee will be required.

2. At this time, we limited your authorization for iodine-131, as listed in 10 CFR 35.300, in order to preclude your having to file an emergency plan, per 10 CFR 30.32(i) and 30.72, enclosed. Your total possession limit for iodine-131 is now 8 curies and includes waste activity also.
 3. Please note that, at this time, we changed the expiration date in Item No. 4 of your license to reflect the one-time extension of your license, in accordance with 10 CFR 30.35(a)(2), copy enclosed. You should have received additional correspondence from us concerning this regulation and its effects on your license.
 4. We deleted Condition No. 19, as it appeared on Amendment No. 01 because the regulations in 10 CFR 30.35(g) contain the same provision. Therefore, this Condition is no longer necessary.
- B. 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
 - 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

R. Ingham

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to employees and the public can result from failure to comply with NRC requirements, 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
Colleen C. Casey
Nuclear Materials Licensing Branch

License No. 21-26213-01
Docket No. 030-31795

Enclosures:

1. Amendment No. 02
2. 10 CFR Part 30
3. 10 CFR Part 35
4. 10 CFR Part 170
5. 10 CFR Part 171
6. NRC Form 313

DOCUMENT NAME: M:\03031795.CL6

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure
"E" = Copy with attachment/enclosure "N" = No copy

OFFICE	DNMS/RIII <i>CC</i>	<input checked="" type="checkbox"/>							
NAME	CCCasey:brt								
DATE	09/17/96								

OFFICIAL RECORD COPY