

MATERIALS LICENSE

Amendment No. 03

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.

302497

Licensee

1. Putnam County Hospital
2. 1542 Bloomington Road
Greencastle, IN 46135

In accordance with letter dated
March 24, 19973. License Number 13-26028-02 is amended in
its entirety to read as follows:

4. Expiration Date June 30, 2001

5. Docket or
Reference No. 030-323636. Byproduct, Source, and/or
Special Nuclear Material7. Chemical and/or Physical
Form8. 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 31.11

- A. Any
radiopharmaceutical
identified in 10 CFR
35.100
- B. Any
radiopharmaceutical
identified in 10 CFR
35.200 (excluding
xenon-133)
- C. Prepackaged Kits

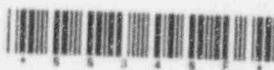
- A. As needed
- B. As needed
- C. As needed

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. In vitro studies.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

13-26028-02

Docket or Reference Number

030-32363

Amendment No. 03

CONDITIONS

10. Location of Use:

- A. Licensed material shall be received, stored and used at the licensee's facility located at 1542 Bloomington Road, Greencastle, Indiana.
- B. Licensed material (excluding generators) may be used at temporary job sites of medical care facilities anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

11. Radiation Safety Officer: John Calhoon, M.D.

12. Authorized Users:

- A. John Calhoon, M.D., for material in 10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
- B. Edward C. Ochsner, M.D., for material in 10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
- C. Vedala Ranganath, M.D., for material in 10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
- D. Srinivasarao Malyala, M.D., for material in 10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
- E. Jayaprakasarao Konijeti, M.D., for material in 10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
- F. Robert Mehl, M.D., for material in 10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
- G. Joseph M. Hunt, M.D., for material in 10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.
- H. Joseph E. Mulholland, M.D., for material in 10 CFR 35.100, 35.200 (excluding xenon-133) and 31.11.

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

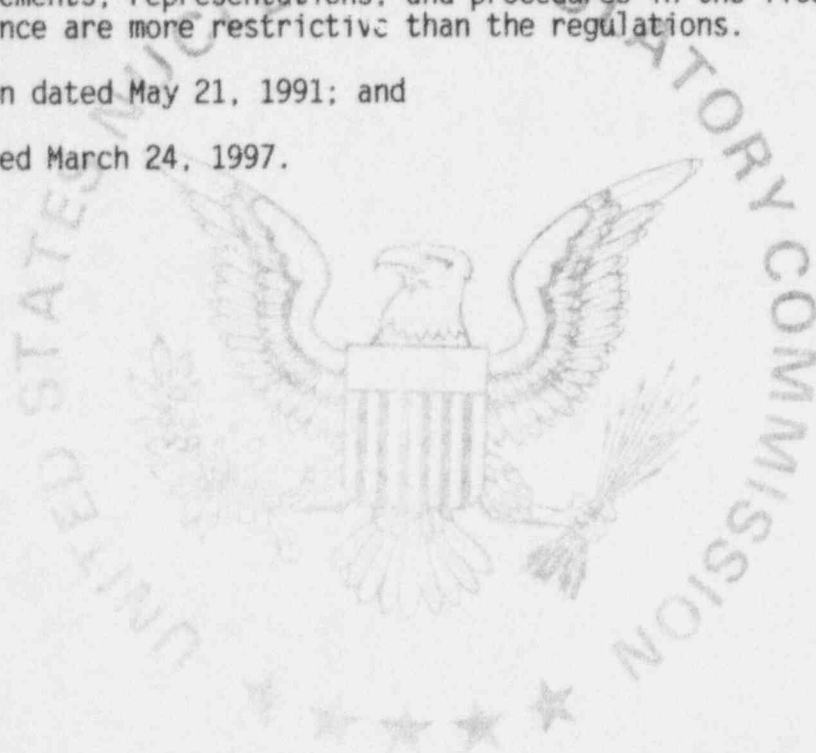
13-26028-02

Docket or Reference Number

030-32363

Amendment No. 03

13. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
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 May 21, 1991; and
- B. Letter dated March 24, 1997.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUN 02 1997

By

Nuclear Materials Licensing Branch, Region III

COPY

(FOR LFMS USE)
INFORMATION FROM LTS

R9

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

Program Code: 02120
Status Code: 0
Fee Category: 7C
Exp. Date: 20010630
Fee Comments:
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: PUTNAM COUNTY HOSPITAL
Received Date: 970401
Docket No: 3032363
Control No.: 302497
License No.: 13-26028-02
Action Type: Amendment

2. FEE ATTACHED

Amount: 430
Check No.: 86360

3. COMMENTS

Signed D. Hersey
Date 4-15-97

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered 1)

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

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

Amendment ✓
Renewal
License

3. OTHER

Signed SC
Date 5/2/97

MAY 07 1997

Log	<u>Apr 4 III</u>
Remitter	<u> </u>
Check No.	<u>86360 / 86854</u>
Amount	<u>\$430 + \$10</u>
Fee Category	<u>7C</u>
Type of Fee	<u>Amd</u>
Date Check Rec'd	<u>4/14/97</u>
Date Completed	<u>5/2/97</u>
By	<u>SC</u>

1997 APR 14 AM 9:28



Putnam County Hospital

March 24, 1997

United States Nuclear Regulatory Commission -- Region III
801 Warrenville Road
Lisle, IL 60532-4351

Re: USNRC Materials License No. 13-26028-02

Attn: Evelyn Matson

Putnam County Hospital requests an amendment to our USNRC Materials License No. 13-26028-02. We are planning to relocate our current Nuclear Medicine Department in July 1997. We will complete a close-out survey of our current department PRIOR to releasing the room(s) as unrestricted access areas. A copy of these results will be sent to your office. Enclosed is our check in the amount of \$430.00 to cover the amendment fee.

Also enclosed is a diagram which demonstrates the anticipated floor plan for the new areas of use and shows the **equipment to be used (see attachments)**.

Security for the procedure room and hot lab will be ensured in this manner: The procedure room will be located within the Radiology Department and will be accessed by a restricted corridor. The hot lab, which stores radioactive materials, will be under constant surveillance or locked when authorized personnel are not present. This room will be located directly adjacent to the procedure room.

The use of **aerosols** will be limited to lung scan procedures. Manufacturer instructions for the disposable aerosol kit will be followed for each use as stipulated by item 10.8 of the regulatory guide.

If you have any questions about this amendment request, please contact me at the Hospital (765) 653-5121, ext. 312, or Mr. Edward E. Wroblewski, Nuclear Medicine Consultant, Medical Physics Consultants, Inc. (313) 662-3197.

Sincerely,

Donna Gannaway, MHA, RRA
Dir. of Professional Services
Chairman -- Radiation Safety Committee

Am: 3-26-97

cc: Ed Wroblewski, Nuclear Medicine Consultant
John P. Calhoon, M.D., Radiation Safety Officer

RECEIVED

APR 01 1997

REGION III

302497

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The equipment to be used includes:

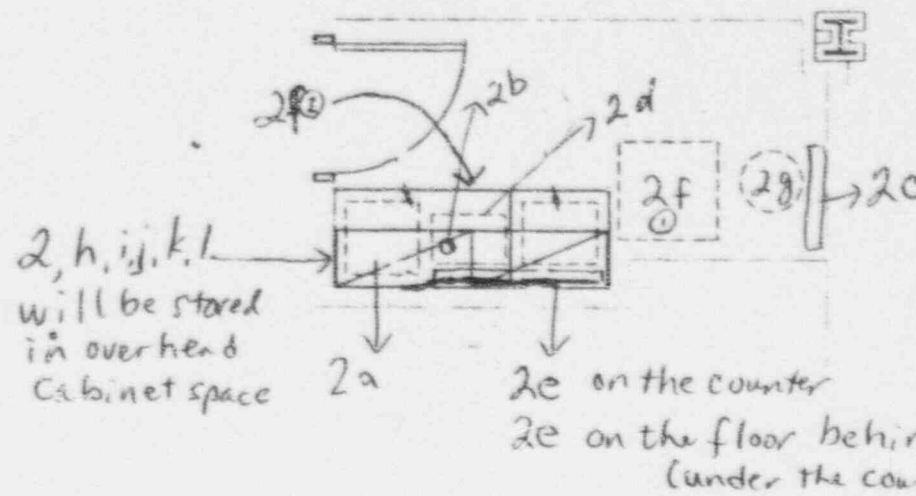
1) Procedure Room:

- a) Toshiba GCA-7100A (Gamma Camera, Single Head SPECT)
- b) Biodex Atom Lab 930 (Wipe Counter/Thyroid Probe)

2) Hot Lab:

- a) Capintec CRC-15R (Dose Calibrator)
- b) Cesium 137 dose calibrator consistency vial
- c) Cobalt 57 Flood Source
- d) Counter-top Lead Shield with lead glass face shield
- e) Lead bricks shielding the radioactive materials
- f) Lead-lined waste disposal containers for used sharps and vials, appropriately separated into short-lived and long-lived isotopes
- g) Decontamination Drum Kit
- h) Lead syringe holders
- i) Lead syringe shields
- j) Lab coats
- k) Absorbent pads or paper
- l) Gloves

Putnam County Hospital
 New Procedure Room and Hot Lab
 USNRC License # 13-26028-02



**ANSTEC
 APERTURE
 CARD**

Also Available on
 Aperture Card

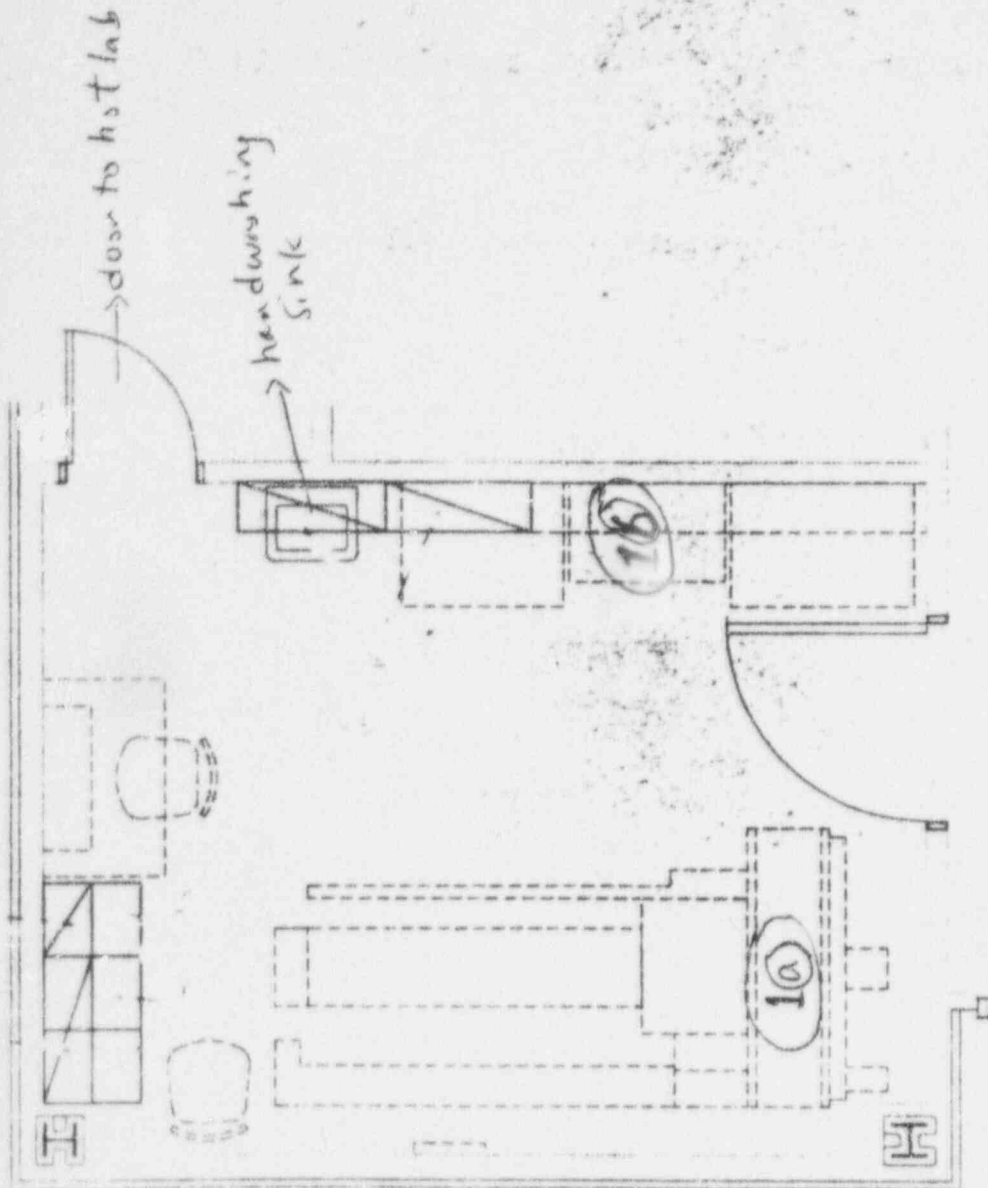
2f① → bulky radioactive materials
 (used doses) - lead box
 e.g. aerosol kits

2f② → sharps and vials of used
 radioactive materials
 (lead lined boxes)
 for storage

B103 - HOT LAB

SCALE: 1/4" = 1'-0"

6



9706120267-01

B102 - NUCLEAR MEDICINE

5

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 20555-0001PUTNAM COUNTY HOSPITAL
ATTN: DONNA GANNAWAY, MHA, RRA
DIR. OF PROFESSIONAL SERVICES
1542 SOUTH BLOOMINGTON
GREENCASTLE, IN 46135

TYPE OF ACTION

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

REQUESTED DATE

3-24-97

LICENSE NUMBER

13-26028-02

CONTROL NUMBER

302497

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. 86360 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

LEDCB

LFDCB

SHIRLEY CRUTCHFIELD

4/15/97

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/SF(LF-3.2.7)
Region 3

DATE

4/16/97

JUN 02 1997

Donna Gannaway
Director of Professional Services
Putnam County Hospital
1542 Bloomington Road
Greencastle, IN 46135

Dear Ms. Gannaway:

Enclosed is Amendment No. 03 to your NRC Material License No. 13-26028-02 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.

As discussed during a telephone conversation between Donna Gannaway and myself, I have deleted the old License Conditions 13., 14. and 15. for the reasons discussed. Ms. Gannaway agreed to these changes. In addition, I have added a new Condition No. 13 which authorized the transportation of radioactive material.

This refers to your license amendment request. Enclosed is the amended license.

Please note that as part of this amendment, in accordance with 10 CFR 30.36, effective February 15, 1996, the expiration date of your license has been extended by a period of five years. Your new expiration date is stated in Item 4 of the license.

Please be advised that we cannot authorize you to release your old nuclear medicine space for unrestricted use (even by other members of your staff) until we have received and reviewed a copy of the results of your close-out survey. The survey should consist of exposure rate measurements to show that all sources of radioactive material have been removed, and contamination checks of areas where radioactive materials were used or stored. Average radiation levels associated with surface contamination and removable contamination should not exceed those specified in the enclosed decontamination guide. Please submit the following information with your close-out survey:

- a. A diagram of your old facility with survey and wipe test results keyed to specific locations.
- b. The name of the person performing the survey.
- c. The date the survey was performed.
- d. The instrument(s) used for exposure rate measurements and for analysis of the wipes.

302497

- e. Background readings.
- f. The date that the survey instrument was last calibrated.

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 mailing address listed on the license 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 Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences 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
Evelyn R. Matson
Nuclear Materials Licensing Branch

License No.: 13-26028-02
Docket No.: 030-32363

Enclosure: Amendment No. 03

DOCUMENT NAME: M:\03032363.CL7

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>mm</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME	EMATSON:jaw							
DATE	05/30/97							

OFFICIAL RECORD COPY

UNITED STATES NUCLEAR REGULATORY COMMISSION
REGION II
CONVERSATION RECORD

(X) TELEPHONE (X) OUTGOING () INCOMING () CONVERSATION

TIME:

DATE:

NAME OF PERSON(S) CONTACTED:

ORGANIZATION

TELEPHONE NO.:

Donna Gannaway
Putnam County

SUBJECT:

License amendment

SUMMARY:

I explained to Ms. Gannaway that License condition 13, 14 and 15 were no longer needed on the license and I was proposing to delete them. She confirmed they no longer need authorization for DU. In addition, the condition limiting who can calibrate meters has been determined to not be legal by NRC and the condition regard 30.34 is unnecessary because it's required by the regs already.

I explained a condition appears to have been left off in the past regarding authorization to transport RAM. I stated it would be added. She had no objections.

I also explained that they could not release their old space until they completed and sent in a survey.

ACTION REQUIRED:

Make changes and issue license. Cover the above discussion in the cover letter so Ms. Gannaway has documentation.

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Evelyn R. Matson
630-829-9822



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

April 10, 1997

John Calhoun, M.D.
Radiation Safety Officer
Putnam County Hospital
1542 Bloomington Road
Greencastle, IN 46135

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Letter Dated 03/24/97)

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. 302497
License No. 13-26028-02