

DL-111298-03

November 12, 1998

Bluefield Regional Medical Center
ATTN: Mr. Phil Stephens
Vice President
500 Cherry Street
Bluefield, WV 24701

SUBJECT: TRANSMITTAL AND EXPLANATION OF AMENDMENT TO LICENSE NO. 47-19142-01 (REFERENCE CONTROL NO. 258112; DOCKET NO. 030-19174)

Dear Mr. Stephens:

Enclosed please find Amendment No. 10 to your NRC materials license. Changes to the license are printed in **BOLD** typeface. We have changed the teletherapy physicists and the Radiation Safety Officer. We have also included the February 20, 1997 report of dose rate calculation on the exterior of the East wall (the former Cast Room) and the South wall as acceptable evidence of the public dose being within the requirements of 10 CFR 20.1301.

Please review the document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify this office (ATTN: Ms. Diane Heim at (404) 562-4723) so that we can provide appropriate corrections and answers.

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 19, "Notices Instructions and Reports to Workers: Inspection and Investigations"; 10 CFR 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(d) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
 - a. when you decide to terminate all activities involving materials authorized under the license; or
 - b. when you decide to terminate licensed activities in a separate building or outdoor area identified on your license.

4. Request and obtain a license amendment before you:
 - a. receive or use byproduct material for a clinical procedure permitted under 10 CFR 35 but not permitted by your license issued pursuant to this part.
 - b. permit anyone, not authorized under 10 CFR 35, Subpart J, to work as an authorized user under a license for medical use of byproduct material;
 - c. change a Radiation Safety Officer;
 - d. order byproduct material in excess of the amount, or a different radionuclide or form, other than authorized on the license;
 - e. add to 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. Transfer of licensed materials must be consistent with 10 CFR 30.41, 40.51 or 70.42, as applicable. 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 signature on the application should be the licensee or certifying official rather than a consultant.

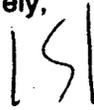
You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a Notice of Violation, or imposition of a Civil Penalty, or an order suspending, modifying or revoking your license as specified in the most current version of the "General Statement of Policy and procedures for NRC Enforcement Actions," NUREG-1600. 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 against those who do not achieve the necessary attention to detail and standard of compliance expected of licensees.

Bluefield Regional Medical Center

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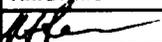
Thank you for your cooperation.

Sincerely,



David J. Collins, License Reviewer
Division of Nuclear Materials Safety

- Enclosures: 1. Amendment No. 10
License No. 47-19142-01
2. NRC Form 313

OFFICE	RII:DNMS	RII:DNMS	RII:DNMS				
SIGNATURE							
NAME	DJ Collins	M Lesser	C Hoey				
DATE	11/10/98	11/12/98	11/12/98	11/ /98	11/ /98	11/ /98	11/ /98
COPY	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: G:\NMSS\I\DNMS\COVLTR\258112TL.DJC

This is to acknowledge the receipt of your letter/application dated

Sept. 30, 1998 and to inform you that the initial processing which includes an administrative review has been performed.

There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 258112
When calling to inquire about this action, please refer to this control number.
You may call me at 404-582-4723.

Sincerely,

Licensing Assistant

NRC FC (M) S.S. (P) (12-1007)

10/9/98

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, ARM : Program Code: 02300
and : Status Code: 0
Regional Licensing Sections : Fee Category: 7A 2B
: Exp. Date: 20020331
: Fee Comments: CODE 23
: Decom Fin Assur Req'd: N
.....

LICENSE FEE TRANSMITTAL

A. REGIONAL

1. APPLICATION ATTACHED

Applicant/Licensee: BLUEFIELD REGIONAL MEDICAL CENTER
Received Date: 981008
Docket No.: 3019174
Control No.: 258112
License No.: 47-19142-02
Action Type: Amendment

2. FEE ATTACHED

Amount: 840.00 2 CONTROLS
Check No.: _____

3. COMMENTS

Signed DIANE HEIM
Date 10/08/98

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

1. Fee Category and Amount: 7A 2B \$390

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

Amendment
Renewal _____
License _____

3. OTHER _____

Signed Rita Messier
Date 10/14/98

Log	Oct 2 II
Remitter	
Check No.	75710 9/24/98
Amount	\$840 (\$390 applied)
Fee Category	7A and
Type of Fee	
Date Check Rec'd.	
Date Completed	10/14/98
By:	fer

ESTIMATED BURDEN PER RESPONSE TO COMPLETE THIS INFORMATION COLLECTION REQUEST: 8 HOURS. BURDEN OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (RMBS 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20545-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0110), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE WITH:
DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20545-001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:
IF YOU ARE LOCATED IN:
CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:
LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENGALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:
NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
61 Forsyth Street, NW, SUITE 23 T 86
ATLANTA, GA 30303-3415

IF YOU ARE LOCATED IN:
ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:
NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION
REGION III
801 WARRENVILLE ROAD
LIBLE, IL 60632-4381

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:
NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
811 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8084

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:
RADIOACTIVE MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION V
1450 MARA LANE
WALNUT CREEK, CA 94596-5368

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)
 A. NEW LICENSE
 B. AMENDMENT TO LICENSE NUMBER 47-19142-02

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)
Bluefield Regional Medical Center
500 Cherry Street
Bluefield, WV 24701

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED
SAME

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION
Sharon L. Long
National Physics Consultants
TELEPHONE NUMBER 330-866-7548

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2" X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

6. RADIOACTIVE MATERIAL a. Element and name number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.	8. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.
7. INDIVIDUALS RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.	9. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.
9. FACILITIES AND EQUIPMENT.	10. RADIATION SAFETY PROGRAM.
11. WASTE MANAGEMENT.	12. LICENSE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY 7A AMOUNT ENCLOSED \$450.00
13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 38 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1949 82 STAT. 748 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.	

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE: _____ SIGNATURE:  DATE: 22 Sept 98

FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
APPROVED BY				DATE	258112

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.

Licensee	In accordance with the letter dated September 30, 1998
1. Bluefield Regional Medical Center	3. License No. 47-19142-02
2. 500 Cherry Street Bluefield, West Virginia 24701	is amended in its entirety to read as follows:
	4. Expiration date: March 31, 2002
	5. Docket No. 030-19174

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. Cobalt 60	A. Any sealed teletherapy source registered pursuant to 10 CFR 32.210 and compatible with the device specified in subitem 9.A below	A. 666 terabecquerels (TBq) (18,000 curies) no source to exceed 333 TBq (9000 curies)
B. Uranium (depleted in the isotope Uranium 235)	B. Metal	B. 250 kilograms

9. Authorized Use:

- A. One source to be used in an AECL Theratron 780 teletherapy unit for the treatment of humans. One source in its shipping container to be in possession of the licensee as necessary for the replacement of the sources in the teletherapy unit only.
- B. For possession and use in an AECL Theratron 780 teletherapy unit as shielding and in teletherapy source storage containers as shielding.

11/20/95

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PDR ADOCK 03019174
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
47-19142-02Docket or Reference Number
030-19174

Amendment No. 10

CONDITIONS

10. Licensed material shall be used only at: Bluefield Regional Medical Center
Department of Radiation Therapy
500 Cherry Street
Bluefield, West Virginia
11. Radiation Safety Officer: Charles M. Olmsted, M.D.
12. Teletherapy Physicists: Glen Lindner, M.S.
Joseph Kowalski, M.S.
13. Authorized user(s):
- A. Charles M. Olmsted, M.D. for medical teletherapy per 10 CFR 35.600.
- B. Pushpa Rani Jain, M.D. for medical teletherapy per 10 CFR 35.600.
14. Sealed sources containing licensed material shall not be opened or removed from the teletherapy device by the licensee.
15. The licensee is exempted from the decommissioning financial assurance requirement for possession of licensed material in sealed sources in quantities greater than the limits in 10 CFR 30.35(d), for the purpose of source changes only. The exemption is granted for no more than thirty days for any one source change.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
47-19142-02

Docket or Reference Number
030-19174

Amendment No. 10

16. Except as specifically provided otherwise in this license and in 10 CFR 35.31, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. 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 September 27, 1991

B. Letters:

- | | |
|-----------------------|--|
| 1. August 14, 1995 | [Qualifications of teletherapy physicist trainee] |
| 2. October 31, 1995 | [Qualifications of designated RSO and teletherapy physicist D. Jay Freedman, M.S.] |
| 3. December 2, 1996 | [change RSO and Teletherapy Physicist] |
| 4. February 20, 1997 | [report calculated dose rate for new waiting room area] |
| 5. September 30, 1998 | [change RSO, documentation for Mr. Lindner, change Teletherapy Physicists] |
| 6. October 16, 1998 | [documentation for Mr. Kowalski (ABR certification) and License No. 34-00774-07 for Mr. Lindner] |

FOR THE U S NUCLEAR REGULATORY COMMISSION

DAVID J. COLLINS

David J. Collins

DATE NOV 12 1998

BY

Region II, Division of Nuclear Materials Safety
61 Forsyth Street, sw Suite 23T85
Atlanta, GA 30303-8913

*Compton
11/12/98*