MATERIALS LICENSE

Amendment No. 11

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	
1. West Virginia University Hospitals, Inc.	**In accordance with the letter dated November 25, 1996** 3. License Number 47-23066-02 **is amended in its entirety to read as follows:**
2. Medical Center, Box 8150 Morgantown, West Virginia 26506-8150	4. Expiration Date **July 31, 2001 (Extended)**
	5. Docket or Reference No. 030-20233

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	C. As needed (Not to exceed 10 curies of I-131)
D. Any byproduct material identified in 10 CFR 35.400	D. Any brachytherapy sources identified in 10 CFR 35.400	D. As needed
E. Any byproduct material identified in 10 CFR 35.500	E. Any diagnostic sealed source identified in 10 CFR 35.500 and registered pursuant to 10 CFR 32.210 or an equivalent Agreement State regulation	E. Two sources of any byproduct material identified in Item 6.E for use as specified in Item 9.E
F. Iridium 192	F. Sealed sources (Amersham Models ICW.1, ICW.12, and/or ICW.22)	F. Not to exceed 500 millicuries total
G. Any byproduct material identified in 10 CFR 31.11	G. Any	G. As needed
H. Any byproduct material with atomic Nos. 3 through 83, inclusive and with half-life less than 120 days	H. Any	H. Not to exceed 10 millicuries per nuclide
I. Hydrogen 3	I. Any	I. 20 millicuries

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number: 47-23066-02

Docket or Reference Number: 030-20233

Amendment No. 11

Items 6, 7, 8 (continued)

J.	Carbon 14	J.	Any	J.	50 millicuries
K.	Phosphorus 32	K.	Any	K.	100 millicuries
L.	Sulfur 35	L.	Any	L.	100 millicuries
M.	Chromium 51	M.	Any	M.	100 millicuries
N.	Iodine 125	N.	Any	N.	100 millicuries
O.	Iodine 131	O.	Any	O.	100 millicuries
P.	Nickel 63	P.	Foil and/or plated sources contained in detector cells registered pursuant to 10 CFR 32.210	P.	30 millicuries
Q.	Cobalt 60	Q.	Sealed calibration source registered pursuant to 10 CFR 32.210	Q.	15 millicuries
R.	Americium 241	R.	Sealed source registered pursuant to 10 CFR 32.210	R.	30 millicuries
S.	Cesium 137	S.	Sealed irradiator source registered pursuant to 10 CFR 32.210 or an equivalent Agreement State regulation (See Item 9.S.)	S.	2 sources with total activity not to exceed the rated capacity for the registered device
T.	**Iridium 192**	**T.**	**Sealed source registered pursuant to 10 CFR 32.210 or an equivalent Agreement State regulation (See Item 9.T.)**	**T.**	**Two sources, no single source to exceed 444 gigabecquerels (GBq) (12 curies), not to exceed 370 GBq (10 curies) installed**

9. Authorized Use:

A. Medical use identified in 10 CFR 35.100.
B. Medical use identified in 10 CFR 35.200.
C. Medical use identified in 10 CFR 35.300.
D. Medical use identified in 10 CFR 35.400.
E. One source of any byproduct material identified in Item 6.E contained in any compatible diagnostic device identified in 10 CFR 35.500 and registered pursuant to 10 CFR 32.210 for medical use identified in 10 CFR 35.500 and one source for possession incident to source exchange.

9. Authorized Use (continued)

F. Interstitial treatment of cancer.

G. Clinical in vitro studies.

H. through R. Laboratory in vitro studies. Instrument calibration. Radioactive waste storage preparatory to transfer to a licensed recipient.

S. Sealed irradiator sources contained in a blood products irradiator registered pursuant to 10 CFR 32.210 or an equivalent Agreement State regulation (for example, a Nordion, Inc. Gamma Cell 1000) for the irradiation of blood products.

T. **One sealed source for use in a compatible Nucletron Corporation, Model Micro-Selectron-HDR (080.000) remote afterloading brachytherapy irradiator (Registry No.: MD-497-D-104D) for treatment of cancer patients, non-human research, training of personnel, performance of radiation safety and quality control procedures; and, one source for storage in its shipping container, incident to source replacement registered pursuant to 10 CFR 32.210 or an equivalent Agreement State regulation.**

CONDITIONS

10. A. Licensed material shall be used only at Ruby Memorial Hospital, Mary Babb Randolph Center, and/or Health Sciences South Building, Medical Center Drive, Morgantown, West Virginia.

B. Licensed material in Item 9.T. shall be used only in Room B822, Mary Babb Randolph Cancer Center, Morgantown, West Virginia.

11. The Radiation Safety Officer for the activities authorized by this license is **Kenneth H. Douglass, Ph.D.**, and the Alternate RSO is Eric Raudenbush.

12. A. Licensed material shall be used by, or under the supervision of, individuals designated by the licensee's Radiological Safety Committee, L. Halliburton, Chair.

B. The use of licensed material for medical purposes shall be by a physician with training and experience in accordance with the criteria in 10 CFR 35, Subpart J.

13. Sealed sources containing licensed material shall not be opened by the licensee.

14. A.(1) Each sealed source acquired from another person containing licensed material, other than hydrogen 3, with a half-life greater than 30 days and in any form other than gas, shall be tested for contamination and/or leakage before use. In the absence of a certificate from a transferor indicating that a test has been made within 6 months before the transfer, a sealed source received from another person shall not be put into use until tested.

(2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting materials or 10 microcuries or less of alpha emitting material.

(3) Except for alpha sources, the periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage before any use or transfer to another person unless they have been leak tested within 6 months before the date of use or transfer.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
47-23066-02

Docket or Reference Number
030-20233

Amendment No. 11

CONDITIONS

Continued -

14. B. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to use or transfer as a sealed source. If the inspection or test reveals any construction defects or 0.005 microcurie or greater of contamination, the source shall not be used or transferred as a sealed source until it has been repaired, decontaminated and retested.

C. The leak test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region II, ATTN: Chief, Nuclear Materials Inspection Section, 101 Marietta Street, Suite 2900, Atlanta, GA 30323. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.

D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to Perform such services.

15. A. Detector cells containing titanium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 225 degrees Centigrade.

B. Detector cells containing scandium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 325 degrees Centigrade.

16. The licensee shall conduct a physical inventory every three months to account for all sources and/or devices received and possessed pursuant to 10 CFR 35.59, 10 CFR 35.400 and 10 CFR 35.500 and every six months for all other sources and/or devices. Records of inventories shall be maintained for 5 years from the date of each inventory, and shall include the information required in 10 CFR 35.59(g).

17. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

18. The device manufacturer's instruction manual for the blood product irradiator listed in Condition 9.S. shall be followed and the licensee shall make copies available to each person using or having responsibility for use of the licensed material.

19. The licensee shall not perform repairs or alterations of the irradiator involving removal of shielding or access to the licensed material. Removal, replacement, and disposal of sealed sources in the irradiator shall be performed by a person specifically licensed by the Commission or an Agreement State to perform such services.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
47-23066-02

Docket or Reference Number
030-20233

Amendment No. 11

CONDITIONS

Continued -

20. Licensed material listed in Item 6.S. shall not be used in or on human beings or in products distributed to the public.

21. In lieu of 10 CFR 35.404(a), immediately after retracting the source from the patient into its shielded position in the remote afterloading device, a radiation survey shall be made of the patient and the remote afterloading device with a portable radiation detection survey instrument to confirm that the source has been removed from the patient. Records of the survey shall be maintained in lieu of the record required in 10 CFR 35.404(b).

22. In lieu of the source inventory required in 10 CFR 35.406, the licensee shall:

A. Promptly determine that all sources have returned to the safe, shielded position at the conclusion of each remote afterloading brachytherapy procedure.

B. Promptly make a survey of the area of use to confirm that no sources have been misplaced.

C. Make a record of the survey including the survey instrument used, dose rate expressed in mrem/hr (μSieverts/hr), time, date and name of the individual making the survey.

D. Retain the record of the survey in lieu of the record required in 10 CFR 35.406(d).

23. Prior to initiation of a treatment program, and subsequent to each source exchange, using the Nucletron Micro-Selectron HDR Model 080.000 remote afterloading brachytherapy device, radiation surveys and tests shall be performed as follows. A radiation survey shall be made of:

A. The irradiator source housing, with the source in the shielded position. The maximum radiation levels at 10 centimeters from the surface of the main source safe shall not exceed 1 millirecntgen per hour.

B. All areas adjacent to the treatment room with the source in the "irradiation" position. The survey shall clearly establish:

(1) That radiation levels in restricted areas are not likely to cause personnel exposure in excess of the limits specified in 10 CFR 10 CFR 20.1201.

(b) That radiation levels in unrestricted areas do not exceed the limits specified in 10 CFR 20.1301.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
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030-20233

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CONDITIONS

Continued -

24. The following shall be performed only by manufacturer's representatives or persons specifically authorized by the Commission or an Agreement State to perform such services:

A. Installation and replacement of the sealed sources contained in the MicroSelectron High Dose Rate Model 080.000 afterloading brachytherapy device(s).

B. Any maintenance or repair operations on the remote afterloading brachytherapy unit listed in Item 9.T involving work on the source safe, the source drive unit, or other mechanism that could expose the source, reduce the shielding around the source, or compromise the safety of the unit and result in increased radiation levels.

25. A. Access to the rooms housing the MicroSelectron Model 080.000 High Dose Rate afterloading brachytherapy device shall be controlled by a door at each entrance. The entrance to the irradiation room shall be equipped with an electrical interlock system that will cause the source to return to the shielded position immediately upon opening of the entrance door. The interlock system shall be connected in such a manner that the source cannot be placed in the irradiation position until the entrance door is closed and the source "on-off" control is reset at the control panel.

B. Electrical interlocks on the entrance door to the irradiator room shall be tested for proper operation at least once each day of use.

C. In the event of malfunction of the door interlock, the irradiation device shall be locked in the "off" position and not used, except as may be necessary for repair or replacement of the interlock system, until the interlock system is shown to be functioning properly.

26. The licensee shall maintain records of information related to decommissioning at the licensee's Radiation Safety Office, West Virginia University Hospitals, Inc., Morgantown, West Virginia in accordance with the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.

27. 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.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number 47-23066-02

Docket or Reference Number 030-20233

Amendment No. 11

CONDITIONS

Continued -

28. 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 25, 1991

B. Radiation Safety Manual dated January 1, 1994 and submitted with letter dated June 21, 1994

C. Letters dated:

- March 6, 1992
- May 12, 1992
- July 15, 1993 [Change possession limit on 8.S. blood irradiator]
- July 26, 1993 [Change Radiation Safety Committee members and Chairman]
- June 21, 1994 [Change Radiation Safety Committee members and Chairman]
- September 22, 1994 [New RSO and Alternate RSO]
- January 3, 1995 [Add High Dose Rate Afterloader] [Update RSC Members]
- **November 25, 1996 [Change HDR source maximum, correct spelling of RSO's name]**

D. Reference NRC letter dated March 1, 1996 extending expiration date per 10 CFR 30.36

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DAVID J. COLLINS

DATE MAR 2 8 1997

BY David J. Collins

3/28/97

N:\MLICENSE\47-23066.A11

Region II, Nuclear Materials Licensing Section
101 Marietta Street, N.W., Suite 2900
Atlanta, Georgia 30323-0199

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W., SUITE 2900
ATLANTA, GEORGIA 30323-0199

MAR 2 8 1997

INFORMATION FOR NRC MATERIAL LICENSEES

Please find enclosed:
_____ Your NRC material license
__✓__ Amendment to your NRC material license
_____ Amendment renewing your NRC material license
_____ Amendment terminating your NRC material license
_____ Notice for Radiographer Quality Assurance Approval Program

Please review the enclosed 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) 331-4673) so that we can provide appropriate corrections and answers.

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 19, "Notice, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.

2. Not possess and use materials authorized in Items 6, 7, and 8, on the license until:

   a. you have constructed the facilities and obtained the equipment described in the license application and supporting documentation; and

   b. you have notified the U. S. Nuclear Regulatory Commission, Region II, ATTN: Materials Licensing\Inspection Branch, in writing, that activities authorized by the license will be initiated.

   c. you have submitted and certified implementation of a Quality Management Program (10 CFR 35.32) for radiotherapy, or for administering >30 uCi of I-125 or I-131.

3. Notify NRC, in writing, within 30 days:

   a. when an authorized user, Radiation Safety Officer, or Teletherapy Physicist 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).

4. In accordance with 10 CFR 30.36(b) 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. if you decide not to complete the facility, acquire equipment, or possess and use authorized material.

(Rev. 3/96)

5. 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, not authorized under 10 CFR 35, Subpart J, to work as an authorized user under a license for medical use of byproduct material.

   c. permit anyone, not authorized under 10 CFR 35, Subpart J, to work as a Radiation Safety Officer, Teletherapy Physicist, or Nuclear Pharmacist, under a license for medical use of byproduct material.

   d. order byproduct material in excess of the amount, or a different radionuclide or form, other 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.

6. 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 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 Procedures for NRC Enforcement Actions," NUREG-1600, (7/95). 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.

Thank you for your cooperation.

Enclosures:
1. NRC License
2. Category Marked Below for:
   - [ ] New licenses: NUREG-1600 (7/95); 19; 20; 30; 40 or 70, as appropriate; 71; 170; NRC Form 3; Agreement State list; and NRC Form 313.
   - [ ] New radiography licenses: Parts 34; 150.
   - [ ] New medical and teletherapy licenses: Part 35.
   - [ ] Amendments and renewals: NRC Form 313.

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(Rev. 3/96)

NRC FORM 577 (1-95) U.S. NUCLEAR REGULATORY COMMISSION

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 20555-0001

WEST VIRGINIA UNIVERSITY HOSPITALS
ATTN: RADIATION SAFETY OFFICER
P. O. BOX 9006
MORGANTOWN, WV 26506-9006

TYPE OF ACTION

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

REQUESTED DATE: 11-25-96

LICENSE NUMBER: 47-23066-02

CONTROL NUMBER: 257392 ATTN: RITA MESSIER, LFARB, T9E10

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
7B	$	$	$ 580.00
	$	$	$
	$	$	$
	$	$	$
	$	$	$
	$	$	$
	$	$	$
	$	$	$
	$	$	$
	$	$	$

FEE(s) DUE	$ 580.00
PAYMENT RECEIVED	$ 500.00
AMOUNT DUE	$ 80.00

☒ Your request was received without the prescribed application fee.

☐ We received your Check No. _____ in the amount of $ _____. 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.

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 1 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 1 of this form.

SIGNATURE – LICENSE FEE ANALYST			Distribution:	DATE
RITA MESSIER	LFDCB REMessier 2/27/97	LFDCB	Pending Fee File LFARB R/F (2)	OC/DAF RF OC/DAF/SF(LF-3.2.7) Region — II	2-27-97

NRC FORM 577 (1-95)

This form was electronically produced by Elite Federal Forms, Inc.

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 02230
Status Code: 0
Fee Category: 7B EX 3E
Exp. Date: 20010731
Fee Comments: _____
Decom Fin Assur Reqd: N

LICENSE FEE TRANSMITTAL

A. REGION II

1. APPLICATION ATTACHED
Applicant/Licensee: WEST VIRGINIA UNIVERSITY HOSPITALS
Received Date: 970221
Docket No: 3020233
Control No.: 257392
License No.: 47-23066-02
Action Type: Amendment

PRIORITY

2. FEE ATTACHED
Amount: 500.00
Check No.: 98637

3. COMMENTS

Signed diane heim
Date 2/24/97

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

1. Fee Category and Amount: 7B EX 3E $580

2. Correct Fee Paid. Application may be processed for:
Amendment ✓
Renewal
License

3. OTHER

Signed Rita Messier
Date 3/25/97

Log Feb 1 1
Remitter
Check No. 98637 / 301334
Amount $500 + 80
Fee Category 7B EX 3E
Type of Fee Amd
Date Check Rec'd.
Date Completed 3/25/97
By:

97 FEB 27 AM 9:14

Printed on recycled paper

WEST VIRGINIA UNIVERSITY HOSPITALS

2175/3
24-700494

November 25, 1996

Mr. Earl Wright
US Nuclear Regulatory Commission
101 Marietta Street, NW
Suite 200
Atlanta GA 30323-0199

Dear Mr. Wright:

At its meeting on November 19, 1996, the Radiological Safety Committee of West Virginia University and West Virginia University Hospitals, Inc. voted to approve the following amendments to the radioactive materials license, # 47-23066-02.

Paragraphs 8T and 11 should be changed to read:

8. T. Two sources, no single source to exceed 480 GBq (13 Curies).

11. The Radiation Safety Officer for the activities authorized by this license is Kenneth Douglass, Ph.D..

The reason for the first amendment is to allow the vendor of our high dose rate afterloader (Nucletron Corporation) to ship a replacement source when its activity about 12 Curies. They will not install the source until it has decayed to 10 Curies. The total limit on Ir-192 activity of 20 Curies will be unchanged.

The second amendment is simply to correct the spelling of the RSO's name.

We intend to submit a revised Radiation Safety Manual in the near future, but request that this change to our license be made immediately. We are enclosing the amendment fee of $500 according to 10CFR170.

For your information, the Radiation Safety office may be reached at the following address:

West Virginia University
Radiation Safety
PO Box 9006
Morgantown WV 26506
(304) 293-3413
(304) 293-4529 (Fax)

24-701563
26
257392

Sincerely,

Larry E Halliburton

Larry Halliburton, Ph.D.,
Chairman,
Radiological Safety Committee
West Virginia University
West Virginia University Hospitals, Inc.
PO Box 6315
Morgantown WV 26506

Bruce McClymonds

Bruce McClymonds
President
West Virginia University Hospitals, Inc.
PO Box 8136
Morgantown WV 26506