



# University of Pittsburgh

## Radiation Safety Office

Room G-7 Papan Hall  
Pittsburgh, Pennsylvania 15261  
412-624-2728, 2729  
Fax: 412-624-3562

February 24, 2005

United States Nuclear Regulatory Commission  
ATTN: Pam Henderson  
Nuclear Materials Safety Section D  
Division of Radiation Safety and Safeguards  
475 Allendale Road  
King of Prussia, PA 19406-1415

K-7

License No. 37-00245-02

03002945

Dear Ms. Henderson:

The University of Pittsburgh is requesting an amendment to our Broadscope License 37-00245-02 related to the use of our two Nucletron Corporation microSelectron remote afterloaders. The device was initially approved by the FDA for radiation therapy; however, the source was approved by the State of Maryland and the words treatment of cancer were included in the registry.

We are requesting that our license be amended to allow our Department of Radiation Oncology to treat nonmalignant disease.

Our immediate need is in the care of lung transplant cases, in whom there is an over growth of cells at and around the anastomosis, the connection between the transplanted organ and the recipient's body. In this case, there are alternative treatments; however, in some individuals these alternate methods fail. In the specific case that I described to you today, three alternate methods have failed and the patient's breathing has been severely compromised. In discussions with three radiation oncologists on our staff, they feel that such treatments are consistent with good medical practice. In part their decision is based on analogous treatments of keloids and venous stents, both involving over proliferation of nonmalignant cells.

Thank you for your assistance in this licensing process. If you have additional questions regarding this submittal please contact me at 412-624-2728.

Sincerely,

Jerry Rosen  
Radiation Safety Officer

cc: Niel Wald, M.D., Chair  
Radiation Safety Committee

Dennis Swanson, Chair  
Human Use Subcommittee

136503  
NMSS/RGNI MATERIALS-002

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

2/24/2005, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment 37-00245-02  
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

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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 136503.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

BETWEEN: : (FOR LFMS USE)  
 : INFORMATION FROM LTS  
 : -----  
 :  
 License Fee Management Branch, ARM : Program Code: 02110  
 and : Status Code: 0  
 Regional Licensing Sections : Fee Category: 7B EX 1D 2B  
 : Exp. Date: 20120630  
 : Fee Comments: 170.11(A)(4)  
 : Decom Fin Assur Req'd: Y  
 : .....

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED  
 Applicant/Licensee: PITTSBURGH, UNIVERSITY OF  
 Received Date: 20050224  
 Docket No.: 3002945  
 Control No.: 136503  
 License No.: 37-00245-02  
 Action Type: Amendment

2. FEE ATTACHED  
 Amount:           /            
 Check No.:                   

3. COMMENTS

Signed *Rebecca J. Juroch*  
 Date 2/25/05

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

1. Fee Category and Amount: \_\_\_\_\_  
 2. Correct Fee Paid. Application may be processed for:  
 Amendment \_\_\_\_\_  
 Renewal \_\_\_\_\_  
 License \_\_\_\_\_  
 3. OTHER \_\_\_\_\_  
 \_\_\_\_\_

Signed \_\_\_\_\_  
 Date \_\_\_\_\_