

INDIANA UNIVERSITY  
PURDUE UNIVERSITY  
INDIANAPOLIS



RADIATION  
SAFETY OFFICE

May 30, 2007

Materials Licensing Section  
U.S. Nuclear Regulatory Commission  
Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Re: NRC License No. 13-02752-03

Dear Sir/Madam:

The intent of this letter is to request an amendment to the above referenced NRC license as follows:

1. Upgrade our current Nucletron MicroSelectron-HDR Classic to a newer model described as a "Nucletron microSelectron HDR Model 105.999."
2. Amend the maximum activity to 2 sources up to 12 Ci each with the total maximum activity not to exceed 21 Ci.
3. The source description for this device is a  $^{192}\text{Ir}$  sealed source, Nucletron Model 105.002.

The sealed source and device registries which support the above source and device are MD-0497-S-107-S and MD-0497-D-108-S.

It should be noted that Nucletron would like to install this upgrade at the next routine source exchange which is scheduled for early August, 2007. Inasmuch as the source must be fabricated prior to that time and could not be utilized in our current HDR unit, Nucletron has requested a copy of our amended license no later than July 31, 2007. Please notify us at your earliest convenience should you determine that it is not possible for us to receive the license amendment by that date.

Should you have any additional questions, please do not hesitate to contact this office. Your prompt attention to this amendment request is appreciated.

Sincerely,

A handwritten signature in black ink that reads "Mack L. Richard".

Mack L. Richard, MS, CHP  
Radiation Safety Officer

Clinical Building 159  
541 Clinical Drive  
Indianapolis, Indiana  
46202-5111

317-274-4797  
Fax: 317-274-2332

Attachments: 2

Cc: J. Froehlich, PhD, Vice Chancellor for Research & Graduate Education  
M. Yoder, Jr., MD, Chairman - RRSC

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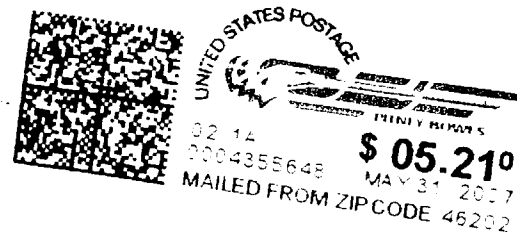
Clinical Building 159  
541 Clinical Drive  
Indianapolis, Indiana  
46202-5111

6256 8282 2200 0090 0002



**CERTIFIED MAIL**

PLACE STICKER AT TOP OF ENVELOPE  
TO THE RIGHT OF RETURN ADDRESS  
FOLD AT DOTTED LINE



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60532+4352

