



INDIANA UNIVERSITY  
MEDICAL CENTER

RADIATION SAFETY OFFICE  
Clinical Building 920  
1100 West Michigan Street  
Indianapolis, Indiana 46223  
(317) 264-4797

June 20, 1984

Dr. Bruce Mallett  
Materials Licensing Branch  
U.S. Nuclear Regulatory Commission-Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

RE: Control #75987

Dear Dr. Mallett:

Attached please find the responses to questions which you have brought to my attention regarding our renewal application for license number 13-02752-08. If you have any additional questions, please do not hesitate to contact me.

Sincerely,

*Mack L. Richard*  
Mack L. Richard  
Radiation Safety Officer

MLR/jls

Attachment: 1

cc: Ned B. Hornback, M.D. Chairman  
Department of Radiation Oncology

James L. Rice, Associate Director of Hospitals

Robert E. George, Ph.D., Radiation Therapy Physicist

Robert M. Witt, Ph.D., Chairman  
Radionuclide Radiation Safety Committee

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REGION III

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Attachment

1. Item 5 - Regarding the two RSO's indicated, Dr. George is responsible for all calibration procedures, constancy checks and routine duties associated with the teletherapy unit. Mr. Richard is responsible for licensing activities and leak tests associated with the unit.
2. Item 18 - Whenever retraining of ancillary personnel is necessary, that retraining shall be accomplished by providing verbal and/or written information through the appropriate supervisory personnel.
3. Item 17 - The monthly safety checks (interlocks, switches, timer, etc.) are performed by a member of the Radiation Oncology Physics Staff.
4. Item 17 - It is a standard procedure to visually verify that all personnel (except patient) have vacated the teletherapy treatment room prior to exposing the source.
5. Item 17 - The first statement under the "Emergency Operation" section has been changed to:

"In any emergency situation which occurs during or after the exposure cycle, the following procedures shall be implemented."
6. Item 17 - If it is necessary to utilize a portable survey instrument when entering the treatment room, verification is made that the survey instrument is functioning.
7. Item 13 - Records of instrument calibrations shall be maintained for a period of 2 years.
8. Item 10 - Inasmuch as nursing personnel have practically no contact with the teletherapy unit, no nursing representative has been appointed to the Radio-nuclide Radiation Safety Committee.
9. Item 21 - All individuals utilizing byproduct material are informed of the ALARA philosophy via our Radiation Safety Manual and are encouraged to indicate or suggest procedures which maintain radiation exposures ALARA.
10. Item 8B - Irradiations of blood products are performed by Radiation Therapy Technologists.
11. Additional information - Doyle L. Simmons, M.D. has left the university and his name need not appear on the teletherapy license.