

Major Hospital 150 West Washington Street P.O. Box 10 Shelbyville, Indiana 46176 (317) 392-3211

June 22, 1987

Medical Licensing Section
U.S. Nuclear Regulatory Commission, Region III
799 Roosevelt Rd.
Glen Ellyn, Illinois 60137

Gentlemen:

R. F. BX 7/31/87 030-08191

Please renew our byproduct materials license number 13-14877-01. We have reviewed our current license and documents submitted in the past and have determined that the information in them is upto-date and accurately represents our program and procedures. We have incorporated the requirements of the new 10 CFR Part 35, but this involved only "ministerial" changes. For example, our dose calibrator linearity test protocol has been modified to reflect the new starting and stopping activities specified in 10 CFR Part 35.

William S. Major Hospital is exempt from the fee requirements of 10 CFR Part 170. If you have any questions regarding this renewal request, please contact our consulting physicist, Robert T. Anger, Jr., at 317-929-3572.

Sincerely,

Frank H. Learned Administrator

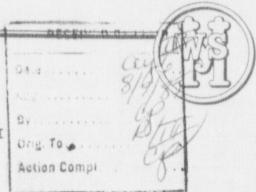
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Major Hospital

July 26, 1985

Materials Licensing Branch U.S. Nuclear Regulatory Commission, Region III 799 Roosevelt Road Glen Ellyn, Illinois 60137



Gentlemen:

Please amend our by-product materials license number 13-14877-01 to add I125 as a sealed source in a nuclear Data ND1100A single photon bone densitomentry system (or equivalent). The maximum procession limit should be 300 millicuries in order to cover both sources at time of replacement. The following information is provided in support of this request:

- 1. The commercial supplier of the single photon bone densitometry system will provide a minimum of eight hours of on-sight training with installation. This will include instruction on the installation and replacement of the I125 source. Actual installation and replacement of the source will occur only under the supervision of the radiation safety officer or his designee, both of whom will have been trained by the manufacturers representative. No source will be installed prior to this training.
- 2. The scanner will be stored and used in the nuclear medicine department by or under the supervision of Paul M. Inlow, MD and or Primo P. Milan, MD.
- 3. The nuclear medicine department is routinely surveyed in accordance with existing license requirements and all nuclear medicine personnel wear film badges. Leak testing of the I 125 source will be performed by our consulting physicist in accordance with instructions received at the time of installation.
- 4. At the time of new source replacement, the depleted source will be returned to the origional supplier in the appropriate shipping container.

We would appreciate it very much if the amendment request could be processed in time for us to have the single photom system available for using during "Medical Day" at the hospital on August 28, 1985.

No fee is required since W.S. Major Hospital is exempt from the fee requirements of ADOFT Part 170.

Thank you for your consideration in this matter.

Sincerely,

Frank H. Learned, Jr. Administrator

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REGION III

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150 West Washington St. • P.O. Box 10 • Shelbyville, Indiana 46176 • (317) 392-3211

Major Hospital

RECEIVED BY LEMB Date .. 12/26 Log. Dec. 16-TIL By.... Orig. To Action Compl. /2/23



December 5, 1984

Materials Licensing Branch U.S. Nuclear Regulatory Commission, Region III 799 Roosevelt Road Glen Ellyn, Illinois 60137

Gentlemen:

Please amend our byproduct materials license number 13-14877-01 as follows:

1.) Add the following individuals as authorized users for LIXIscope Imaging System.

James A. Kent, D.P.M. Donald B. Ritchey, D.P.M. David Henderson, D.P.M.

Dr. James Kent, and Dr. Donald Ritchey are listed as individual users under license number 13-24312-01 for the lixiscope. Dr. David Henderson's, credentials have been submitted for approval under the same license for use of lixiscope.

2.) Add Iodine-125 as a sealed source for use in the LIXIscope Imaging System, with a maximum possesion limit of 500 millicuries.

Supporting Comments

The podiatrists named above will transfer the LIXIscope unit to and from William Major Hospital. A log book will be maintained to document when the LIXIscope is brought into the hospital, as well as when it is taken from the hospital. When not in use in the hospital, the LIXIscope will be stored (in its locked case) in the Nuclear Medicine hot laboratory (a restricted area that is kept locked when unattended).

Only the trained and authorized personnel will be permitted access to the LIXIscope. Enclosed is a set of radiation safety precautions to be observed by such personnel.

William Major Hospital is a public institution, functioning under the provisions of both the Indiana City Hospital Statute (IV19-9-6-1) and the County Hospital Statute (IC16-12.1-3-4), and should thus be exempt from the fees specified in 10 CFR, part 170.31

If you have any questions regarding this information, please let me know.

Sincerely

Frank H. Learned Administrator

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DEC 17 1984

RADIATION SAFETY PROCEDURES

- Only licensed users who have received appropriate training and demonstrations of Lixiscope operations, may operate the Lixiscope.
- Each user shall keep all radiation exposures As Low As Reasonably Achievable (ALARA). This basically means the user is to keep his fingers and hands out of the radiation beam and imaging procedures should minimize patient exposure.
- 3. The Lixiscope should always be locked in its carrying case when being transported or when not in use. When stored in the hospital, the locked case should be kept in the Nuclear Medicine hot laboratory (a restricted area which is locked when unattended).
- 4. Accountability should be maintained to ensure the location of the Lixiscope at all times and to prevent the loss or theft of the radioactive source. A record (logbook) must be kept with entries documenting when the Lixiscope is brought into the hospital and when it is removed from the hospital. The Lixiscope can be transferred only to someone licensed to receive, transport and possess this device and its associated radioactive source.
- In the event of loss or theft, notification of the Nuclear Regulatory Commission is required by 10 CFR Part 20.