

Shared Medical Technology, Inc.

Rt. 5, Box 324  
Rice Lake, Wisconsin 54868  
(715) 234-6518

June 20, 1985

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

RE: Amendment to License # 48-17543-01

Gentlemen:

We request an amendment to our above referenced license to enable Shared Medical Technology, Inc. to add a mobile Bone densitometer unit to service our client hospitals.

The model 2780 Norland Digital Bone Densitometer which contains a 200 MCI Iodine - 125 source will be transported to our client hospitals in one of our company vehicles which are marked in accordance with NRC and DOT regulations. Prior to transporting of the equipment the entire shielded source will be removed and placed in a DOT container.

The sealed source will not be manipulated outside of the source shield except during the installation of a new source in the unit which will occur approximately every five months.

The following steps will be taken to insure security for the equipment:

1. A technologist will be present at all times when the equipment is set up and in operation in a medical facility.
2. When the equipment is not in use it shall be kept in the locked hot lab of Shared Medical Technology, Inc.

We would like the following Radiologists listed as users of the equipment:

1. Thomas M. Pelant, M.D. (listed on NRC license)
2. Donald Marsh, M.D. 16586 certification No.
3. James S. Moore, M.D. 26731 certification No.

All of the above named physicians are board certified by the American Board of Radiology in Radiology.

The bone mineral analyzer will be operated by certified Nuclear Medicine or X-Ray technologists who have completed the recommended 8 hours of course work specified by the NRC in addition to the instruction in operation of the equipment provided by the manufacturer.

One of the physicians listed above will be available by phone at all times when the equipment is in use.

The sealed source will have a bi-annual wipe test done to detect any source leakage.

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CONTROL NO. 7 9216

JUN 24 1985

Applicant *Shared Medical Technology, Inc.*  
Check No. *3036*  
Amount, Fee Category *\$120*  
Type of Fee *Renewal*  
Date Check Rec'd *6/27/85*  
Received By *[Signature]*

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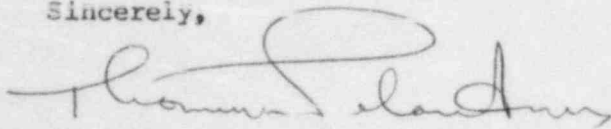
JUN 24 1985

REGION III

A survey meter will be carried along with the equipment to facilitate performance of area surveys after equipment use in the medical facility. Results of the surveys will be logged for reference.

Enclosed is our \$120 check for the amendment processing fee. Your assistance in expediting this request is appreciated.

Sincerely,



Thomas Pelant, M.D.  
Radiation Safety Officer

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U.S. NRC  
IN. FEE MGMT. BRANCH

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