

Bay Area Medical Center
Menominee Facility
1110 Tenth Avenue
Menominee, Michigan 49858

January 10, 1986

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

Re: Amendment to our NRC Radioactive Materials License #21-18523-01

Gentlemen:

We request amendment to our NRC Radioactive Materials License #21-18523-01 for the following:

1. Change administrators name from James Watters to Mr. Thomas K. Prusak.
2. Change present hospital name from Menominee County Lloyd Hospital to Bay Area Medical Center
3. Request authorization for Tim Leemon, Director of Radiology, to request changes in the Bay Area Medical Center from the NRC Radioactive materials License as he deems necessary.
4. Indicate Dr. Edward A. Hunold and Dr. Ronald Bude as Alternate Radiation Safety Officers. For training and experience, please reference NRC license #21-18523-01
5. Terminate Marinette General Hospital Nuclear Medicine Department, 3100 Shore Drive, Marinette, Wisconsin 54143, NRC Radioactive Materials License #43-17875-01

We confirm a "close-out radiation survey" of the above mentioned facilities will be performed during January 1986. Records of this survey will be maintained at our hospital for NRC inspection. Action levels will be 0.05 mr/hr as measured with a low level G.M. Survey meter and 200 DPM/100cm², as measured with a well counter. The NRC "Guide for Decontamination of Facilities" dated July, 1982 will be followed.

6. Our records indicate Amendment #10 should correspond with the letter dated April 22, 1985 for adding Dr. Bude as an authorized user. Amendment #10 references a letter dated April 9, 1985. We cannot find any correspondence from our office on that date. Please clarify.
7. We request possession of Iodine-125, Solid sealed source, AECL Model C-324 or Amersham Model IMC-P2, with a nominal activity of 200 mCi per source

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+25% to -10%. Possession of at least two I-125 sources is needed to permit source holder exchanges in the wrist scanner bone densitometer.

Gadolinium-153, Solid sealed source, with appropriate NRC registered sources from Amersham, Gulf Nuclear, New England Nuclear, Lunar, or other authorized suppliers, with a maximum nominal activity of 1 Curie per source, + individual supplier source specifications. Possession of at least two Gd-153 sources is needed to permit source holder exchanges.

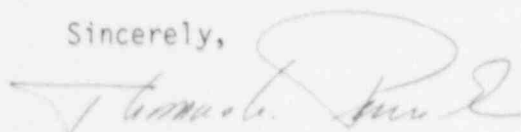
Additional information is as follows:

- a) Regarding training of persons installing and replacing the Gd-153 and I-125 sources. The manufacturer will provide on-site training with installation of the scanners. This will include instruction on the installation and replacement of the Gd-153 and I-125 source. Replacement of sources will occur only under the supervision of the Radiation Safety Officer, or his designee, both of whom will have been trained by the Manufacturer's representative. Installation of the sources and use of the scanner shall not occur prior to such training by the manufacturer representative.
- b) The Dual Photon Spine Scanner and the Single Photon Bone Scanner will only be used by and under the supervision of those nuclear physicians on our current license who are already licensed for diagnostic nuclear imaging procedures.
- c) Semi-annual leak testing of the Gd-153 source in the Dual Photon Spine Scanner will be performed by using the LT-2 Leak Test Kit of S. A. Huber Consultants, Inc. - New Lenox, Illinois (NRC License #12-17503-01).

Semi-annual leak testing of the I-125 source (when purchased) used in the scanner will also be performed by using the Model LT-2 Leak Test Kit of S.A. Huber Consultants.
- d) The scanners are scheduled to be located in our Nuclear Medicine Department.
- e) The addition of these diagnostic devices does not represent any changes in our receiving accountability and other Radiation Safety Program procedures as defined in our current NRC license.
- f) The manufacturer and timing of these diagnostic devices is unknown, but we wish to have proper licensing in place.

We trust the information contained herein is sufficient to grant our request for this amendment and look forward to receipt of that document. We are a county institution, therefore, we are exempt from the usual amendment fees.

Sincerely,



Thomas Prusak
Administrator