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December 21, 2005

U.S. Nuclear Regulatory Commission
Region I Office, Division of NMSS
Attn: Materials Licensing
475 Allendale Road
King of Prussia, PA 19406

MS 6

K-8

RE: Mail Control 138073, request for additional information

To whom it may concern,

03003331

In response to your telephone inquiry regarding our recent request to add Dr. Michael Miller as an authorized user, we are submitting this information for license number 45-09087-01.

We would like Dr. Miller to be authorized for radioisotope therapies under 35.300, specifically, oral administration of greater than 33 millicuries of sodium iodide I-131 and parenteral administration of any beta emitter or a photon-emitting radionuclide with a photon energy less than 150 keV, for which a written directive is required. Dr. Miller's supervised work experience with Dr. Shaves included 11 administrations of sodium iodide I-131 of greater than 33 millicuries, 2 parenteral administrations of Sr-89, for which a written directive is required, and 4 parenteral administrations of Sm-153, for which a written directive is required. In addition to the previously documented 211 classroom and laboratory training hours, Dr. Miller completed at least 500 hours of supervised work experience with Dr. Shaves that included the following tasks related to use of unsealed byproduct material: ordering, receiving, and unpacking radioactive materials and performing the required radiation surveys; performing quality control procedures on instruments used to determine the activity of dosages; performing checks for proper operation of survey meters; calculating, measuring, and safely preparing patient dosages; using administrative controls to prevent a medical event involving use of unsealed byproduct material; and using procedures to safely contain and decontaminate spilled byproduct material.

We would also like Dr. Miller to be authorized for manual brachytherapy under 35.400. Dr. Miller completed at least 500 hours of supervised work experience with Dr. Shaves that included the following tasks related to manual brachytherapy: ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys; checking survey meters for proper operation; preparing, implanting, and removing brachytherapy sources; maintaining running inventories of material on hand; using administrative controls to prevent a medical event involving the use of byproduct material; and using emergency procedures to control byproduct material.

138073

NMCC/RONI MATERIALS-002

For more information, please do not hesitate to contact David Weimer, current RSO at (757) 827-2444 or our prospective Radiation Safety Officer, Sandy Wolff, at (757) 388-3030 or pager (888) 341-5703.

Sincerely,



David Weimer, MS
Radiation Safety Officer
Sentara Careplex Hospital



Mark Shaves, MD
Authorized User
Sentara Norfolk General Hospital