

B.W. Furlong & Associates  
101 Homestead Road  
Oldwick, NJ 08858

MS-16  
P6

Penny Lanzisera  
Nuclear Materials Safety Branch  
United States Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, Pennsylvania 19406-1415

Docket No. 030-34108  
Control No. 123001

September 26, 1996

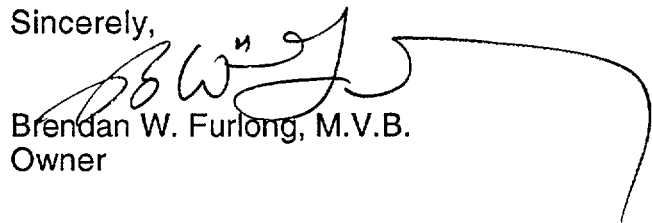
Dear Ms. Lanzisera:

The following is in response to your request for additional information regarding our license application:

1. Enclosed is a letter signed by me as the owner stating that I have reviewed the license application and concur with the statements and representations therein. Please void the letter dated May 10, 1996 stating the same, as it had a misprint regarding the license application date.
2. We confirm that only unit doses will be used at this facility. In addition, we confirm that these unit doses will not be broken-down or utilized for multiple studies.
3. Enclosed are the "Rules for the Safe Use of Radiopharmaceuticals" which we shall follow in our facility.
4. We confirm that our survey instruments will be calibrated by a service licensed by the NRC or agreement state. One such service is Mid-America Calibration with the following license numbers: Kansas (#33-B429-01) and Arkansas (#ARK-625-BP).
5. We confirm that our action levels for ambient exposure will be 0.05 mr/hr in unrestricted areas and 5.0 mr/hr in restricted areas.
6. Sealed sources will include check sources of Cs-137 (nominal activities less than 10 uCi) for checking the operation of detection equipment such as survey meters and well counters. For your information, we may request with the New Jersey Bureau of Radiation Protection to be licensed for sealed sources of Co-57 for checking equipment or to be used as anatomical markers when scanning.
7. In order to assure that general public will not receive greater than 100 mr/year, we confirm that equine patients shall not be released for at least 24 hours or that release criteria shall be less than 5 mr/hr at one meter or less than 30 mCi body burden.
8. We confirm that caretakers shall be considered radiation workers and therefore their doses shall be monitored on a monthly basis and that they will be included in the annual radiation safety in-service program. Enclosed is a revised Animal Caretakers Caring for Equine Nuclear Medicine Patients: Radiation Safety Instructions stating that dosimeters must be worn. Please void the previously submitted policy.

Please feel free to contact our consulting health physicist, John Godwin, M.S. at 201-533-5590 if you need additional information. Thank you in advance for your assistance. We look forward to receiving our Byproduct Material License.

Sincerely,

A handwritten signature in black ink, appearing to read 'BWF', with a long horizontal flourish extending to the right.

Brendan W. Furlong, M.V.B.  
Owner

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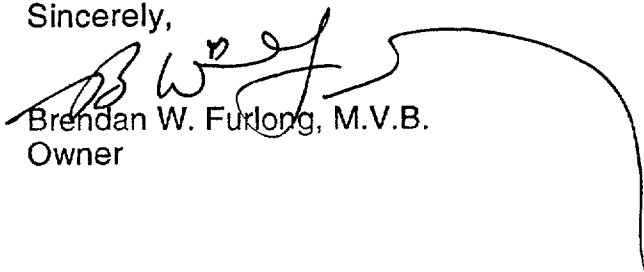
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Dear Ms. Lanzisera:

This letter is to confirm that management has reviewed the license application dated March 6, 1996 and concurs in the statements and representations contained therein.

Sincerely,



Brendan W. Furlong, M.V.B.  
Owner

B.W. Furlong & Associates  
101 Homestead Road  
Oldwick, NJ 08858

Animal Caretakers Caring for Equine Nuclear Medicine Patients  
Radiation Safety Instructions

1. Wear your dosimeter when entering any restricted area.
2. Wear gloves when handling the horse, the horse's bedding, or when exercising the horse.
3. Children and pregnant women should avoid riding or caring for the horse. In particular, contact with the urine should be avoided.
4. Wear specified heavy rubber boots when entering the designated stall for horses given Tc-99m.
5. Minimize the time spent with these horses to complete your duties.
6. Maximize your distance from these horses to complete your duties.

If you have any questions regarding these instructions, please contact our Radiation Safety Officer:

Mark Revenaugh, D.V.M.  
908-439-2821

Rules for the Safe Use of Radiopharmaceuticals

- Wear laboratory coats or other protective clothing at all times in areas where radioactive materials are used.
- Wear disposable gloves at all times while handling radioactive materials.
- Either after each procedure or before leaving the area, monitor your hands for contamination in a low-background area with a survey instrument.
- Use syringe shields for administration of radiopharmaceuticals to equine patients, except in those circumstances in which their use is contraindicated. In these exceptional cases, consider the use of other protective methods such as remote delivery of the dose (e.g., through use of a butterfly valve).
- Do not eat, drink, smoke, or apply cosmetics in any area where radioactive material is stored or used.
- Do not store food, drink, or personal effects in areas where radioactive material is stored or used.
- Wear personnel monitoring devices at all times while in areas where radioactive materials are used or stored. These devices should be worn as prescribed by the Radiation Safety Officer. When not being worn to monitor occupational exposures, personnel monitoring devices should be stored in the work place in a designated low-background area.
- Wear a finger exposure monitor during the injection of radiopharmaceuticals; and when holding equine patients during procedures.
- Dispose of radioactive waste only in designated, labeled, and properly shielded receptacles.
- Wipe-test radioactive material storage, preparation, and administration areas weekly for contamination. If necessary, decontaminate or secure the area for decay.
- With a radiation detection survey meter, survey the generator storage, kit preparation, and injection areas daily for contamination. If necessary, decontaminate or secure the area for decay as appropriate.
- Always keep flood sources, syringes, waste, and other radioactive material in shielded containers.