



FOX RUN EQUINE CENTER

John M. Leonard, V.M.D., Director

April 6, 2005

Materials Licensing Branch
U.S. NRC, Region 1
Attention: Betsy Ulrich
475 Allendale Road
King of Prussia, PA 19406-1415

MS 16

P-1

37-30174-01

030 33657

RE: Response to letter dated April 5, 2005 for Ir-192 use (Control #136707)

Dear Ms. Ulrich:

We are in receipt of your letter dated April 5, 2005 requesting additional information for the use of Ir-192 seeds for therapy. The following paragraphs will correspond to your letter.

1. We plan on using sealed sources from Alpha Omega Services. The model number for the sources is
2. The treatment will be located in the head of the animal. We plan on verifying placement of the seeds by portable radiographic x-ray.
3. Individuals that are directly involved in the treatment and implantation of the sources will:
 - a. Have appropriate whole body badges.
 - b. Provided with appropriate safe handling equipment (i.e. tongs) for sources and survey equipment
 - c. Trained to survey the areas

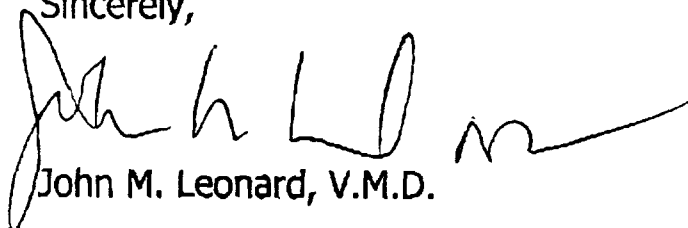
798 Fox Road - Apollo, Pennsylvania 15613 - (724) 727-3481
Fax: (724) 727-9697 - www.foxrun.net - E-mail: JML@NB.NL

136707

- d. Trained to recognize misplaced seed/ribbon, and properly handle any misplaced sources
 - e. Provide radiation safety procedures and training for handling the horse during treatment and movement from one location to another.
4. The animal will have surgery in the surgery suite, which is remote from the general public. Once the surgery is complete, the animal will be placed in an isolated stall. This stall is remote from the general public and is located farthest from the general operation of Fox Run Equine Center. This remote stall has already been identified in prior license applications. We also:
- a. confirm that the horse will be stabilized in a restricted area to minimize potential dose to the members of the general public including visitors
 - b. the restricted area of the designated stall will be posted as a "Radiation Area"
 - c. all items (manure, buckets, blankets, bedding and unused hay/feed) will be surveyed after implantation and before final accountability for sources
 - d. all sources will be explanted and accounted for prior to autopsy if the horse expires during treat
5. The surgery is scheduled for this Saturday (4/9/2005) approximately 10:00 AM.

Should you have any questions regarding this application, please feel free to contact me.

Sincerely,



John M. Leonard, V.M.D.

Enclosures