

TECHNICAL ALTERNATIVES

Technical Alternatives
License No. 21-35058-01
Control Number 580373

To: David Westfall (davidw@technicalalternatives.com)
From: Toye L. Simmons, License Reviewer, NRC, Region III

I have reviewed your request for a new NRC license dated April 1, 2013, and I have several questions that need a response before I can complete my review. Please respond to the following in writing on company letterhead with a management signature:

1. Your application lists Kirby Barnes as the individual responsible for the radiation safety program.
 - Please confirm that Mr. Barnes will act as Radiation Safety Officer for your proposed licensed activities.
 - Please confirm that Mr. Barnes has sufficient independence and direct communication with responsible management officials to oversee the radiation safety program.
 - Also provide a vitae or other information to show the radiation safety training and experience received by Mr. Barnes.
 - Please provide a phone number and email address for Mr. Barnes.
2. Your application did not list any other individuals as authorized users. Are there any? If so, please provide their names and radiation training and experience information.
3. To address your radiation safety program, please provide the following:
 - A description of equipment and facilities to show that they are adequate to protect personnel, the public and the environment.
 - A diagram of your source storage area.
 - Provide a general description of the radiation monitoring instruments that will be available for use at your facility.
 - Procedures for handling and using licensed materials.
 - Instructions for maintaining security during storage and transport.
4. Please provide the manufacturer and source model numbers for each type of source you plan to use or store.
5. Please provide your waste disposal procedures. These procedures were not addressed in your April 1, 2013, application.
6. Please provide your operating and emergency procedures or an outline or summary in responding to section 8.10.6 of NUREG-1556, Vol. 18.

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7. Do you plan to distribute or redistribute sources, Liquid scintillation counters and/or gamma counters? If so, please identify who your clients will be and provide your procedures for this process.

Submit a **signed** written response addressing the items described above no later than June 26, 2013. **You may FAX your response to me at 630-515-1078. Please reference the control # 580373 in your response. Or you may email your response to me at toye.simmons@nrc.gov.** If you have any questions regarding the above, please contact me at 630-829-9842.

NAME OF PERSON DOCUMENTING CONVERSATION

Toye L. Simmons

SIGNATURE

Toye Simmons

DATE

6/12/13
