

November 12, 1999

Docket No. 030-35260  
Control No. 127423

29-30542-01

Glen Tonnessen, M.D.  
President  
Hunterdon Cardiovascular Associates  
1100 Wescott Drive, Suite 206  
Flemington, NJ 08822

Dear Dr. Tonnessen:

This is in reference to your letter dated October 25, 1999, applying for a Nuclear Regulatory Commission license. In order to continue our review, we need the following additional information:

1. You state in Attachment 7 that "Dr. **Gallagher** will serve as both the authorized user and Radiation Safety Officer", yet list a license number for Dr. Tonnessen- please clarify.
2. A licensee authorized to use radioactive material for imaging and localization is required by 10 CFR 35.220 (enclosed) to have a portable radiation detection survey instrument capable of detecting dose rates over the range of 0.1 millirem per hour to 100 millirem per hour, and a portable radiation measurement survey instrument capable of measuring dose rates over the range 1 millirem per hour to 1000 millirem per hour. Please provide the manufacturer and model number(s) of the instrument(s) you will use to meet these requirements for a measurement survey instrument and a detection survey instrument.
3. Your area survey procedure requires a method for performing wipe tests that is sufficiently sensitive to detect 2000 disintegrations per minute per 100 square centimeters (dpm/100 cm<sup>2</sup>) of removable contamination. Please describe the instrument you will use to perform these measurements.
4. Please confirm that backup instruments will be available to replace instruments off-site for calibration.
5. Regarding your procedure for leak testing sealed sources- please provide the instrumentation used to measure activity on the wipe sample and the lower limit of detectability for this instrumentation. If you elect to have another person perform the leak test, please submit the name of the person and the applicable NRC or Agreement State license number. If this person is not licensed, please submit a description of their procedure and instrumentation as requested above.

ML10

G. Tonnessen  
Hunterdon Cardiovascular Associates

2

We will continue our review upon receipt of this information. Please reply in duplicate to my attention at the Region I Office and refer to Mail Control No. 127423. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-6942.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we shall assume that you do not wish to pursue your application.

Sincerely,

***Original signed by Michelle Beardsley***

Michelle Beardsley  
Health Physicist  
Nuclear Materials Safety Branch 1  
Division of Nuclear Materials Safety

Enclosure:  
10 CFR Parts 19, 20, and 30