



July 13, 2010

Shirley Xu, Health Physicist  
State Agreements & Industrial Safety Branch  
Division of Materials Safety & State Agreements  
Office of Federal & State Materials & Environmental Management Programs  
USNRC  
Washington, DC 20555-0001

Reference: Docket # 030-37764

Dear Ms. Xu:

In reference to your letter of June 25, 2010:

- The Sterigenics Quality Assurance program was described in previously submitted documents as referenced in the license. Please refer to my letter of February 6, 2009. As was stated in the license application, all of the QA program elements apply equally to Sterigenics facilities in San Diego and Thailand. If clarification is required on any aspect of that program description, please let me know.
- My statement in item #6 was that confirmatory measurements "...may be..." included in the corporate audits of the facilities, in that such measurements are not required during internal audits, but can be done depending on the availability of both instrumentation and auditors with the appropriate training to conduct such measurements. At this point, these measurements have consisted of corporate staff using the facility work instructions to perform the same measurements as are performed at the facility for release of gemstones, specifically gamma spectroscopic analysis of randomly selected gemstones, using the same instrumentation that the facility uses.

Please let me know if you need further information.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark A. Smith".

Mark A. Smith, CHP  
Vice-President, Radiation Services

cc: W. Trevithick  
C. Zinn