



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

November 25, 2005

Docket No. 03020466  
Control No. 137611

License No. 29-19769-03

Jonathan C. Young  
Senior Manager, Radiation Safety  
STERIS Isomedix Services  
9 Apollo Drive  
Whippany, NJ 07981

SUBJECT: STERIS ISOMEDIX SERVICES, REQUEST FOR ADDITIONAL INFORMATION  
CONCERNING APPLICATION FOR AMENDMENT TO LICENSE, CONTROL  
NO. 137611

Dear Mr. Young:

This is in reference to your letter dated August 30, 2005 requesting to amend Nuclear Regulatory Commission License No. 29-19769-03. In order to continue our review, we need the following additional information:

1. Provide a detailed description of the tasks to be performed during source transfer operations. Include a description of the surveys to be performed, dosimetry to be provided to personnel, and emergency procedures.
2. Provide an estimate of the collective dose, highest dose to an occupationally exposed individual, and highest dose to a member of the general public during the transfer operations. Provide the estimated dose in any one hour at the boundary to the unrestricted area and the estimated exposure rates during the key elements of the transfer operations.
3. Confirm that you will implement security procedures in accordance with all applicable Orders regarding radioactive material quantities of concern.

Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Medical, industrial, and academic uses of nuclear material**; then **toolkit index page**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

J. Young  
STERIS Isomedix Services

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We understand that you will not have a specific plan of operation until mid-December 2005. We will review your proposed source transfer plan upon receipt of this information. Please reply to my attention at the Region I Office. If you have any technical questions regarding this deficiency letter, please call Donna Janda at (610) 337-5371.

Sincerely,

***Original signed by Sattar Lodhi, Ph.D.***

John D. Kinneman, Chief  
Materials Security and Industrial Branch  
Division of Nuclear Materials Safety

cc:  
Larry Winters, Radiation Safety Officer

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**SISP Review Complete: DJanda**

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