



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555 - 0001

December 09, 2010

Sterigenics International, Inc  
ATTN: Mr. Mark A. Smith, CHP  
10811 Withers Cove Park Drive  
Charlotte, NC 28278

SUBJECT: AMENDMENT 01 TO LICENSE NO. 32-31005-01E

Dear Mr. Smith:

Enclosed find Amendment No. 01 to U. S. Nuclear Regulatory Commission (NRC) exempt distribution License No. 32-31005-01E authorizing the import and distribution of irradiated gemstones for the Sterigenics facility in Thailand. This authorization is reflected in condition 13. The Sterigenics facility in San Diego, CA is responsible for the import of gemstones from the Sterigenics facility in Thailand and to maintain documentation that gemstones from Thailand have been analyzed and contain less than exempt concentrations as specified in 10 CFR Part 30.

Please review the enclosed licensing document carefully and be sure that you understand all the conditions. If there are any errors or questions, please contact me so that appropriate corrections and answers can be provided.

Please be advised that you must conduct your program involving radioactive materials in accordance with the conditions specified in your NRC license, representations made in your license application, and other rules, regulations, and orders of the U.S. Nuclear Regulatory Commission, now or hereafter in effect, to include the following:

1. Comply with applicable NRC regulations in 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material"; 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material"; and other applicable regulations.
2. Distribute only those products containing radioactive material which are specifically authorized in your license.
3. Notify NRC in writing within 30 days of any change in mailing address.
4. Request and obtain appropriate amendments if you plan to change control or ownership of your organization, change locations of distribution of products containing radioactive material, or make any other changes in your program which are contrary to the license conditions or representations made in your license application and any supplemental correspondence with NRC.
5. Submit a complete renewal application or termination request at least 30 days before the expiration date on your license. You should receive a reminder notice approximately 90

days before the expiration date. Continued distribution of products containing material after your license expires is a violation of NRC regulations.

6. In accordance with 10 CFR 30.36, request termination of your license if you plan to permanently discontinue activities involving distribution of products containing radioactive material.

You will be periodically inspected by NRC. Failure to conduct your program in compliance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action(s) against you. This could include issuance of a notice of violation; proposed imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedures for NRC Enforcement Actions," (NUREG-1600).

In accordance with 10 CFR 2.390 of NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in NRC's Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions, please feel free to contact Lisa Dimmick (301) 415-0694 or by e-mail: [lisa.dimmick@nrc.gov](mailto:lisa.dimmick@nrc.gov).

Sincerely,

/RA/

Shirley Xu  
Licensing Branch  
Division of Materials Safety and  
State Agreements  
Office of Federal and State Materials and  
Environmental Management Programs

Enclosure: License No. 32-31005-01E

days before the expiration date. Continued distribution of products containing material after your license expires is a violation of NRC regulations.

- 6. In accordance with 10 CFR 30.36, request termination of your license if you plan to permanently discontinue activities involving distribution of products containing radioactive material.

You will be periodically inspected by NRC. Failure to conduct your program in compliance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action(s) against you. This could include issuance of a notice of violation; proposed imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedures for NRC Enforcement Actions," (NUREG-1600).

In accordance with 10 CFR 2.390 of NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in NRC's Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions, please feel free to contact Lisa Dimmick (301) 415-0694 or by e-mail: [lisa.dimmick@nrc.gov](mailto:lisa.dimmick@nrc.gov).

Sincerely,

/RA/

Shirley Xu  
 Licensing Branch  
 Division of Materials Safety and  
 State Agreements  
 Office of Federal and State Materials and  
 Environmental Management Programs

Enclosure: License No. 32-31005-01E

**DISTRIBUTION:** ML  
**DOCUMENT NAME:**

<b>OFC</b>	LB		LB									
<b>NAME</b>	LDimmick		S Xu									
<b>DATE</b>	12/8 /2010		12/ 9 /2010									