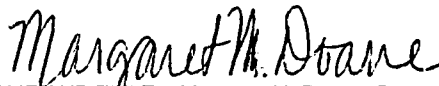


EXPORT/IMPORT LICENSE

NRC FORM 250P (12/05)		NRC LICENSE NO.: CBP0003-01	
United States of America U.S. Nuclear Regulatory Commission		LICENSE EXPIRES: December 31, 2010	
Page 1 of 4			
Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued to the licensee authorizing the import/export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein. This license is only valid if the licensee maintains the requisite NRC or Agreement State domestic licenses.			
EXPORT/IMPORT LICENSEE MDS Nordion 447 March Road Ottawa, Ontario K2K 1X8 Canada ATTN: Marc-Andre Charette		ULTIMATE FOREIGN CONSIGNEE(S) MDS Nordion 447 March Road Ottawa, Ontario K2K 1X8 Canada	
APPLICANT'S REF. NO.: Application dtd 02/20/06			
INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) AND/OR IN THE U.S. NONE		OTHER PARTY(IES) TO EXPORT/IMPORT For imports into the United States, parties to this license (recipients/ultimate consignees in the United States) are listed on Pages 3 - 4.	
COUNTRY(IES) OF ULTIMATE DESTINATION: Canada.			
DESCRIPTION OF 10 CFR PART 110, APPENDIX P, BYPRODUCT MATERIALS TO BE EXPORTED AND/OR IMPORTED (NOTE: SEE PAGE 2 FOR DEFINITIONS OF CATEGORY 1 AND CATEGORY 2) [REDACTED] quantities of Co-60 contained in sealed sources used in irradiators by the gamma processing industry for the sterilization of medical disposables, food, and consumer products. This license authorizes export and import only. MDS Nordion, and each United States party (recipient or ultimate consignee) is responsible for compliance with all applicable import and other domestic regulatory requirements, including all terms and conditions of domestic materials licenses. Licensee is exempt from the requirement in 10 CFR §110.53(a) to maintain an office within the United States. NOTE: This license is amended to add STERIS Inc., 7823 Nagle Avenue, Morton Grove, IL, as other party(ies) to export/import.			
Neither this license or any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974. This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended, and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the U.S. Nuclear Regulatory Commission.		THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE  NAME AND TITLE: Margaret M. Doane, Deputy Director Office of International Programs March 24, 2006 DATE OF ISSUANCE: _____	

EXPORT/IMPORT LICENSE

Table 1: Appendix P to Part 110—Category 1 and Category 2 Radioactive Material Threshold Limits

Radioactive Material	Category 1		Category 2	
	Terabequerels (TBq)	Curies (Ci) ¹	Terabequerels (TBq)	Curies (Ci) ¹
Americium-241	60	1,600	0.6	16
Americium-241/Be	60	1,600	0.6	16
Californium-252	20	540	0.2	5.4
Curium-244	50	1,400	0.5	14
Cobalt-60	30	810	0.3	8.1
Cesium-137	100	2,700	1.0	27
Gadolinium-153	1,000	27,000	10.0	270
Iridium-192	80	2,200	0.8	22
Plutonium-238 ²	60	1,600	0.6	16
Plutonium-239/Be ²	60	1,600	0.6	16
Promethium-147	40,000	1,100,000	400	11,000
Selenium-75	200	5,400	2.0	54
Strontium-90 (Y-90)	1,000	27,000	10.0	270
Thulium-170	20,000	540,000	200	5,400
Ytterbium-169	300	8,100	3.0	81

Calculation of Shipments Containing Multiple Sources or Radionuclides:

The "sum of fractions" methodology for evaluating combinations of radionuclides being transported, is to be used when import or export shipments contain multiple sources or multiple radionuclides. The threshold limit values used in a sum of the fractions calculation must be the metric values (i.e., TBq).

I. If multiple sources and/or multiple radionuclides are present in an import or export shipment, the sum of the fractions of the activity of each radionuclides must be determined to verify the shipment is less than the Category 1 or 2 limits of Table 1, as appropriate. If the calculated sum of the fractions ratio, using the following equation, is greater than or equal to 1.0, then the import or export shipment exceeds the threshold limits of Table 1 and the applicable security provisions of this part apply.

II. Use the equation below to calculate the sum of the fractions ratio by inserting the actual activity of the applicable radionuclides or of the individual sources (of the same radionuclides) in the numerator of the equation and the corresponding threshold activity limit from the Table 1 in the denominator of the equation. Ensure the numerator and denominator values are in the same units and all calculations must be performed using the TBq (i.e., metric) values of Table 1.

R1 = activity for radionuclides or source number 1

R2 = activity for radionuclides or source number 2

RN = activity for radionuclides or source number n

AR1 = activity limit for radionuclides or source number 1

AR2 = activity limit for radionuclides or source number 2

ARN = activity limit for radionuclides or source number n

$$\sum_{i=1}^n \left[\frac{R_1}{AR_1} + \frac{R_2}{AR_2} + \frac{R_n}{AR_n} \right] \geq 1$$

NOTIFICATIONS: The notifications required by 10 CFR 110.50(b)(4) are to be emailed to hoo1@nrc.gov (preferred method) or faxed to 301-816-5151. In the subject line of the email or on the fax cover page include: "10 CFR 110.50(b)(4) Notification." To contact someone in the Operations Center, use the same e-mail address or call 301-816-5100. The contact information is current at the time of license issuance. Difficulties notifying the U.S. Nuclear Regulatory Commission must be promptly reported to the Office of International Programs' Import/Export licensing staff.

¹ The values to be used to determine whether a license is required are given in TBq. Curie (Ci) values are provided for practical usefulness only and are rounded after conversion.

² The limits for Pu-238 and Pu-239/Be in this table apply for imports to the U.S. The limits for exports of Pu-238 and Pu-239/Be can be found in § 110.21.

OTHER PARTY(IES) TO EXPORT/IMPORT:
(Name and Addresses of Consignees for Imports)

1. SteriGenics International
1700 North Airport Road
West Memphis, Arkansas 72301
2. General Electric Company, Vallecitos Nuclear Center
6705 Vallecitos Road
Pleasanton, CA 94586
3. SteriGenics International, Inc.
344 Bonnie Circle
Corona, CA 92880
4. SteriGenics International, Inc.
5900 Obata Way
Gilroy, CA 95020
5. SteriGenics International, Inc.
2311 Lincoln Avenue
Hayward, CA 94545
6. SteriGenics International, Inc.
1401 Morgan Circle
Tustin, CA 92680
7. STERIS Inc.
dba STERIS Isomedix Services
1000 S. Sarah Place
Ontario, CA 91764
8. Food Technology Service, Inc.
502 Prairie Mine Road
Mulberry, FL 33860
9. Tyco Healthcare Group, LP
Tyco/Healthcare/Kendall Division
2010 East International Speedway Blvd.
DeLand, FL 32724
10. Sterigenics U.S., Inc. (Location 1)
711 East Cooper Court
Schaumburg, IL 60173-4537

Sterigenics U.S., Inc. (Location 2)
1003 Lakeside Dr.
Gurnee, IL 60031-2489
11. STERIS Inc. (Location 1)
1880 Industrial Drive
Libertyville, IL 60048-2403

STERIS Inc. (Location 2)
2500 Commerce Drive
Libertyville, IL 60048-9439
12. STERIS Inc.
7823 Nagle Avenue
Morton Grove, IL 60053
13. Uniformed Services University of the Health Sciences
Armed Forces Radiobiology Research Institute
8901 Wisconsin Avenue
Bethesda, MD 20889-5603
14. Terumo Medical Corporation
950 Elkton Boulevard
Elkton, MD 21921
15. University of Massachusetts Lowell
600 Suffolk Street
Lowell, MA 01854
16. STERIS Isomedix Services
435 Whitney Street
Northborough, MA 01532
17. Becton Dickinson and Company
1329 West Highway 6
Holdrege, NE 68949-0860
18. Becton Dickinson Infusion Therapy Systems, Inc.
150 South 1st Avenue
Broken Bow, NE 68822
19. Tyco Healthcare Group LP
1222 Sherwood Road
P.O. Box 1169
Norfolk, NE 68702-1169
20. Isomedix Operations, Inc.
STERIS Isomedix Services
9 Apollo Drive
Whippany, NJ 07981
21. Sterigenics East Corporation
108 Lake Denmark Road
Rockaway, NJ 07866-4317
22. Sterigenics East Corporation
75 Tilbury Road
Salem, NJ 08079
23. Ethicon Endo Surgery
3801 University Blvd, SE
Albuquerque, NM 87125

OTHER PARTY(IES) TO EXPORT/IMPORT:
(Name and Addresses of Consignees for Imports)

24. Sandia National Laboratories
Operated for the U.S. Department of Energy by
Sandia Corporation
Albuquerque, NM 87185
25. Isomedix Operations, Inc.
23 Elizabeth Drive
Village of Chester, NY 10918
26. Pall Corporation
225 Marcus Blvd.
Hauppauge, NY 11788-3799
27. Hospira Inc.
Highway 301 North
Rocky Mount, NC 27802-2226
28. Sterigenics U.S., Inc.
10811 Withers Cove Park Drive
Charlotte, NC 28273
29. Sterigenics East Corporation
1148 Porter Avenue
Haw River, NC 27258
30. Sterigenics U.S., Inc.
305 Enterprise Drive
Westerville, OH 43081-8827
31. Isomedix Operations, Inc.
4405 Marketing Place
Hamilton/33 Industrial Park
Groveport, OH 43125
32. Bausch & Lomb
8507 Pelham Road
Greenville, SC 29615
33. BD Vacutainer Systems
1575 Airport Road
Sumter, SC 29153
34. STERIS, Isomedix Services
2072 Southport Road
Spartanburg, SC 29306
35. 3M Company
601 22nd Avenue South
Brookings, South Dakota 57006
36. Cardinal Health 200 Inc.
Medical Products and Services
Convertors Division
One Butterfield Trail
El Paso, TX 79906
37. Sterigenics U.S., Inc. (Location One)
3001 Wichita Court
Fort Worth, TX 76140

Sterigenics U.S., Inc. (Location Two)
3125 Wichita Court
Fort Worth, TX 76140
38. Isomedix Operations, Inc.
DBA Steris Isomedix Services
Vista del Sol Industrial Park
1435 Isomedix Place
El Paso, TX 79936
39. Molnlycke Health Care Inc.
6300 North Desert Blvd
El Paso, TX 79912
40. Tyco Healthcare - Kendall LP
400 Maple Street
Commerce, TX 75428
41. Isomedix Operations, Inc.
9120 South 150 East
Sandy, Utah 84070
42. Baxter Healthcare Corporation
State Road 721, Km 0.3
Aibonito, Puerto Rico 00705