

EXPORT/IMPORT LICENSE

NRC FORM 250P (12/05)

United States of America
U.S. Nuclear Regulatory Commission

NRC LICENSE NO.: CBP0016-01

LICENSE EXPIRES: October 31, 2009

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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

EXPORT/IMPORT LICENSEE	ULTIMATE FOREIGN CONSIGNEE(S)
REVISS Services Inc. ATTN: John L. Schrader One Hawthorn Place 175 East Hawthorn Parkway, Suite 142 Vernon Hills, IL 60061 APPLICANT'S REF. NO.: Application dtd 02/23/06	REVISS Services (UK) Ltd. Building 466 Harwell Business Centre Harwell, Didcot, Oxon United Kingdom OX11 0RA
INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) AND/OR IN THE U.S.	OTHER PARTY(IES) TO EXPORT/IMPORT
<p align="center">NONE</p>	<p align="center">Listed on pages 3 and 4.</p>

COUNTRY(IES) OF ULTIMATE DESTINATION: United Kingdom.

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)

Export to the United Kingdom of [redacted] quantities of Co-60 and Cs-137 contained in sealed sources for testing, reuse, recycling, or disposal. The expiration date for the export of [redacted] material is April 11, 2007, based on expiration date of consent granted from the United Kingdom.

Import [redacted] quantities from Argentina and the United Kingdom of Co-60 and Cs-137 contained in sealed sources for use by companies in the U.S., licensed by the USNRC or Agreement States, in accordance with their license.

This license authorizes export (return of sources) and import only. Licensee is responsible for compliance with all applicable export, import, and other domestic regulatory requirements, including all terms and conditions of domestic materials license(s).

The combined export and import license expiration date is based on expiration date of State of Illinois Radioactive Material License IL-02058-01.

NOTE: This license is amended to 1) change address in "Ultimate Foreign Consignee(s)" section, 2) revise the descriptions of import and export Categories 1 and 2 materials as above, 3) delete Sterigenics Corp., 210 Clyde Road, Somerset, NJ 08873, and 4) add numbers 1, 2, 9, 13, 15, and 18, listed on pages 3 and 4, 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

Margaret M. Doane

NAME AND TITLE: Margaret M. Doane, Deputy Director
Office of International Programs

DATE OF ISSUANCE: April 26, 2006

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/Be2	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
Ytterblum-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

$$\sum_1^n \left[\frac{R_1}{AR_1} + \frac{R_2}{AR_2} + \frac{R_n}{AR_n} \right] \geq 1$$

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:

1. Bausch and Lomb
8507 Pelham Road
Greenville, SC 29615
2. Dioxitek S.A.
Centro Atomico Ezeiza
Presbitero Juan Gonzalez Y Aragon No. 15
Partido De Ezeiza, Prov. De Buenos Aires
Argentina
3. General Electric
Vallecitos Nuclear Center
6705 Vallecitos Road
Sunol, CA 94586
4. J.L. Shepherd and Associates
1010 Arroyo Avenue
San Fernando, CA 91340
5. QSA Global
40 North Avenue
Burlington, MA 01803
6. Sterigenics Corp.
1700 North Airport Road
West Memphis, AR 72301
7. Sterigenics Corp.
344 Bonnie Circle
Corona, CA 92880
8. Sterigenics Corp.
5900 Obata Way
Gilroy, CA 95020
9. Sterigenics Corp.
2311 Lincoln Avenue
Hayward, CA 94545
10. Sterigenics Corp.
1401 Morgan Circle
Tustin, CA 92680
11. Sterigenics Corp.
1003 Lakeside Dr.
Gurnee, IL 60031
12. Sterigenics Corp.
711 East Cooper Court
Schaumburg, IL 60173
13. Sterigenics Corp.
10811 Withers Cove Park Drive
Charlotte, NC 28273
14. Sterigenics Corp.
1148 Porter Avenue
Haw River, NC 27258
15. Sterigenics Corp.
108 Lake Denmark Road
Rockaway, NJ 07866
16. Sterigenics Corp.
75 Tilbury Road
Salem, NJ 08079
17. Sterigenics Corp.
305 Enterprise Drive
Westerville, OH 43081
18. Sterigenics Corp.
3001 and 3125 Wichita Court
Fort Worth, TX 76140
19. Steris Isomedix Services
1000 S. Sarah Place
Ontario, CA 91764
20. Steris Isomedix Services
2500 Commerce Drive
Libertyville, IL 60048
21. Steris Isomedix Services
1880 Industrial Drive
Libertyville, IL 60048

OTHER PARTY(IES) TO EXPORT/IMPORT: Continued

22. Steris Isomedix Services
435 Whitney Street
Northborough, MA 01532

23. Steris Isomedix Services
9 Apollo Drive
Whippany, NJ 07981

24. Steris Isomedix Services
23 Elizabeth Drive
Chester, NY 10918

25. Steris Isomedix Services
4405 Marketing Place
Groveport, OH 43125

26. Steris Isomedix Services
State Road 690, KM 1.7
Barrio Sabana Hoyos
Vega Alta, Puerto Rico 00692

27. Steris Isomedix Services
2072 Southport Road
Spartanburg, SC 29308

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