IMPORT AND EXPORT LICENSE

NRC FORM 250P
(12/05)

United States of America
Nuclear Regulatory Commission
Washington, D.C. 20555

NRC LICENSE NO.: PCB16.05

LICENSE EXPIRES: November 30, 2011

Pursuant to the Atomic Energy Act of 1954, as amended, and the regulations issued by the Nuclear Regulatory Commission (NRC) pursuant thereto, and in reliance on statements and representations heretofore made by the applicant/licensee, this license is hereby issued authorizing the licensee to import and/or export the byproduct materials 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.

LICENSEE

REVISS Services, Inc.
Attn: John L. Schrader
One Hawthorn Place
175 East Hawthorn Parkway, Suite 142
Vernon Hills, IL 60061

APPLICANT'S REFERENCE: Application Dated 9/28/09

ULTIMATE FOREIGN CONSIGNEE(S)

Stuart Hunt & Associates Ltd.
5949 Ambler Drive
Mississauga, ON L4W 2K2
Canada

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) AND/OR IN THE U.S.

High Technology Sources Limited
Unit 6 Moorbrook
Didcot, Oxfordshire
United Kingdom OX11 7HP

OTHER PARTY(IES) TO IMPORT AND/OR EXPORT

Listed on Page(s) 3 and 4

(Suppliers and Domestic Customers)

COUNTRY(IES) OF ULTIMATE DESTINATION: Argentina, Canada, United Kingdom and United States

CONDITIONS, NOTES, AND DESCRIPTIONS OF 10 CFR PART 110, APPENDIX P, BYPRODUCT MATERIALS TO BE IMPORTED AND/OR EXPORTED
(NOTE: SEE PAGE 2 FOR DEFINITIONS OF CATEGORY 1 AND CATEGORY 2)

Import and export, from and to Canada, of Category 2 quantities of Cs-137, contained in sealed sources, for testing, reuse, recycling, or disposal, are authorized.

Import and export, from and to the United Kingdom, of Category 1 and Category 2 quantities of Co-60 and Cs-137, contained in sealed sources for testing, reuse, recycling, or disposal, by companies in the United States, licensed by the U.S. NRC or Agreement States, in accordance with their license, are authorized.

Import from Argentina, of Category 1 and Category 2 quantities of Co-60, contained in sealed sources for testing, reuse, recycling, or disposal by companies in the United States, licensed by the U.S. Nuclear Regulatory Commission or Agreement States, in accordance with their license, is authorized.

Licensee is responsible for compliance with all applicable import, export, and other domestic regulatory requirements, including all terms and conditions of domestic materials licenses. Licensee, if not already submitted with your application, must submit information required by 10 CFR §110.32(d) and pertinent documentation required by 10 CFR §110.32(h) at least **24 hours prior to shipment**. See Page 2 for Mandatory Pre-shipment Notifications.

License expiration date is based on established limits. This license replaces PCB16.04 and amends its authority by: 1) adding domestic customers; 2) correcting ultimate foreign consignee and suppliers; 3) separately listing the suppliers; and 4) extending the expiration date from October 31, 2009 to November 30, 2011.

Neither this license nor 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.

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 Act, now or hereafter in effect and to all valid rules and regulations of NRC.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE

NAME AND TITLE: Scott W. Moore, Deputy Director, Office of International Programs

DATE OF ISSUANCE: November 25, 2009

MANDATORY NOTIFICATIONS: Notifications required by 10 CFR 110.50(b)(4) are to be emailed to hoo.hoc@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. Difficulties notifying the U.S. Nuclear Regulatory Commission must be promptly reported to the Office of International Programs' import/export licensing staff at 301-415-3684 or 415-3329.

For international notifications see http://www-ns.iaea.org/downloads/rw/imp-export/import-export-contact-points.pdf.

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 (Am-241)	60	1,600	0.6	16
Americium-241/Beryllium (Am-241/Be)	60	1,600	0.6	16
Californium-252 (Cf-252)	20	540	0.2	5.4
Curium-244 (Cm-244)	50	1,400	0.5	14
Cobalt-60 (Co-60)	30	810	0.3	8.1
Cesium-137 (Cs-137)	100	2,700	1.0	27
Gadolinium-153 (Gd-153)	1,000	27,000	10.0	270
Iridium-192 (Ir-192)	80	2,200	0.8	22
Plutonium-238[2] (Pu-238)	60	1,600	0.6	16
Plutonium-239/Beryllium[2] (Pu-239/Be)	60	1,600	0.6	16
Promethium-147 (Pm-147)	40,000	1,100,000	400	11,000
Radium-226[3] (Ra-226)	40	1,100	0.4	11
Selenium-75 (Se-75)	200	5,400	2.0	54
Strontium-90 (Y-90)	1,000	27,000	10.0	270
Thulium-170 (Tm-69)	20,000	540,000	200	5,400
Ytterbium-169 (Yb-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.

R_1 = activity for radionuclides or source number 1
R_2 = activity for radionuclides or source number 2
R_N = activity for radionuclides or source number n

AR_1 = activity limit for radionuclides or source number 1
AR_2 = activity limit for radionuclides or source number 2
AR_N = activity limit for radionuclides or source number n

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

[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.

[3] Discrete sources of Radium-226.

OTHER PARTY(IES) TO EXPORT/IMPORT

SUPPLIERS

Dioxitek S.A.
Centro Atomico Ezeiza
Presbitero Juan Gonzalez Y Aragon No. 15
Partido De Ezeiza, Prov. De Buenos Aires
Argentina

REVISS Services (UK) Ltd
Building 466
Harwell Business Centre
Harwell, Didcot, Oxon
United Kingdom OX11 0RA

DOMESTIC CUSTOMERS

1. Bausch and Lomb
   8507 Pelham Road
   Greenville, SC 29615

2. Duke Energy Corporation
   McGuire Island Buildings
   7403, 7405, 7408
   Huntersville, NC 28078-7929

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. Omaha Public Power District
   Fort Calhoun Station
   9610 Power Lane
   Blair, NE 68008

6. QSA Global
   40 North Avenue
   Burlington, MA 01803

7. Sterigenics Corporation
   1700 North Airport Road
   West Memphis, AZ 72301

8. Sterigenics Corporation
   344 Bonnie Circle
   Corona, CA 92880

9. Sterigenics Corporation
   5900 Obata Way
   Gilroy, CA 95020

10. Sterigenics Corporation
    2311 Lincoln Avenue
    Hayward, CA 94545

11. Sterigenics Corporation
    1401 Morgan Circle
    Tustin, CA 92680

12. Sterigenics Corporation
    1003 Lakeside Drive
    Gurnee, IL 60031

13. Sterigenics Corporation
    711 East Cooper Court
    Schaumburg, IL 60173

14. Sterigenics Corporation
    10811 Withers Cove Park Drive
    Charlotte, NC 28273

15. Sterigenics Corporation
    1148 Porter Avenue
    Haw River, NC 27258

16. Sterigenics Corporation
    108 Lake Denmark Road
    Rockaway, NJ 07866

17. Sterigenics Corporation
    75 Tilbury Road
    Salem, NJ 08079

18. Sterigenics Corporation
    305 Enterprise Drive
    Westerville, OH 43081

19. Sterigenics Corporation
    3001 and 3125 Wichita Court
    Fort Worth, TX 76140

20. Steris Isomedix Services
    1000 S. Sarah Place
    Ontario, CA 91764

21. Steris Isomedix Services
    2500 Commerce Drive
    Libertyville, IL 60048

22. Steris Isomedix Services
    1880 Industrial Drive
    Libertyville, IL 60048

DOMESTIC CUSTOMERS: Continued

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

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

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

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

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

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

29. University of Maryland
The Gamma Irradiation Laboratory
Room 1319A, Building 090
Chemical Engineering Building
College Park Campus
College Park, MD 20742

//END//