

EXPORT LICENSE

NRC FORM 250
(6-94)

NRC LICENSE NO.

THIS LICENSE EXPIRES September 30, 2012

XMAT0402-R
Amendment No. 01
Page 1 of 2

United States of America
Nuclear Regulatory Commission

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 export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

LICENSEE

ULTIMATE CONSIGNEE IN FOREIGN COUNTRY

Cambridge Isotope Laboratories, Inc.
50 Frontage Road
Andover, MA 01810

Ontario Power Generation, Inc.
Holt Road South
Darlington Nuclear Generating Station
Bowmanville, Ontario
Canada L1C 3Z8

Attn: Leonard J. Solo, Jr.

(For upgrading in Canada and return to U.S.)

INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY

OTHER PARTIES TO EXPORT

Ontario Power Generation, Inc.
Facilities West, Building #B25
F4 Loading Dock, Concession 4, Bruce Township
Tiverton, Ontario
Canada N0G 2T0

Listed on Page 2.

(Temporary Storage)

APPLICANT'S REF. NO. **Appl. Dtd. 05/03/07**

COUNTRY OF ULTIMATE DESTINATION **Canada**

QUANTITY

DESCRIPTION OF MATERIALS OR FACILITIES

The licensee is authorized to export a cumulative total not to exceed 50,000.0 kilograms deuterium oxide (heavy water).

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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 Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW
BY AUTHORIZED NRC REPRESENTATIVE


Stephen Dembek, Acting Deputy Director
Office of International Programs

DATE OF ISSUANCE July 17, 2007

OTHER PARTIES TO EXPORT: (Cont'd)

John Pasinosky, Radiation Safety Officer
Environmental Health & Safety
UC Santa Cruz
1156 High Street
Santa Cruz, California 96064

Mitch Galanek, Radiation Safety Officer
MIT Radiation Protection
Massachusetts Institute of Technology
265 Massachusetts Avenue, N52-496
Cambridge, Massachusetts 02139

Ron Bresell, Radiation Safety Officer
Dept. of Risk Management and Safety
316 Leach Science Center
Auburn University
Auburn, Alabama 36849-5317

DESCRIPTION OF MATERIALS OR FACILITIES: (Cont'd)

This license replaces XMAT0402, Amendment No. 01. It adds three suppliers (above) to this license to authorize the licensee and the suppliers to export deuterium tainted with a trace amount of tritium received from Ontario Power Generation, Inc.

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