EXPORT LICENSE

NRC FORM 250
(10-07)

UNITED STATES OF AMERICA

Nuclear Regulatory Commission
Washington, D.C. 20555

NRC LICENSE NO.: XSNM03471
Amendment No. 01

NRC DOCKET NO.: 11005652

LICENSE EXPIRES December 31, 2021

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(S) IN FOREIGN COUNTRY(IES)
AREVA NP, Inc. 2101 Horn Rapids Road Richland, WA 99354 Attn: Dan L. Noss	Bruce "A" Generating Station 177 Tie Road Municipality of Kincardine RR#2, Tiverton, Ontario N0G 2TO Canada (Fuel for use at the Bruce "A" Generating Station)
INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)	OTHER U.S. PARTY(IES) TO EXPORT
Intermediate Consignees – See Page 2 (For use in the production of slightly enriched uranium fuel assemblies for the CANDU "Bruce" reactor)	NONE
APPLICANT'S REFERENCE NO.: DLN:08:030	ULTIMATE DESTINATION: Canada

QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES
	The licensee is authorized to export 50,700.00 kilograms Uranium-235 contained in 4,325,000.0 kilograms natural uranium enriched to 5.0 w/o maximum, in various forms. The shipment of Australian, Canadian and EURATOM-obligated material is authorized. XSNM03471, Amendment No. 01 is continued on Page 2

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

SIGNATURE: Scott W. Moore

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

DATE OF ISSUANCE: July 22, 2008

DESCRIPTION OF MATERIALS OR FACILITIES: (Cont'd)

License is amended to: 1) extend the expiration date from December 31, 2017 to December 31, 2021; 2) change the ultimate consignee in Canada from the Bruce "B" Generating Station, Units 5, 6, 7 & 8 to the Bruce "A" Generating Station (only); and 3) add Dan L. Noss as licensee contact.

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES): (Cont'd)

1. Zircatec Precision Industries
   200 Dorset Street East
   Port Hope, Ontario L1A3V4
   Canada

   (For use in the production of slightly enriched uranium and natural uranium blended with dysprosium fuel assemblies.)

2. Cameco Corporation
   1 Eldorado Place
   Port Hope, Ontario L1A3A1
   Canada

   (For use in the production of slightly enriched uranium and natural uranium blended with dysprosium fuel assemblies.)

3. Blind River Refinery
   328 Eldorado Road
   Blind River, Ontario, R0R 1B0
   Canada

   (Receiving, storage, and fabrication of natural uranium blended with dysprosium into finished fuel.)

All other conditions remain the same.

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