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-R

Page 1 of 2

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. **Bruce "A" Generating Station** 2101 Horn Rapids Road 177 Tie Road Richland, WA 99354 Municipality of Kincardine RR#2, Tiverton, Ontario N0G 2TO Canada (For use as fuel at the Bruce "A" Nuclear Power Plant) Attn: Dan L. Noss INTERMEDIATE CONSIGNEE(S) IN FOREIGN OTHER U.S. PARTY(IES) TO EXPORT COUNTRY(IES) Intermediate Consignees - See Page 2 NONE (For use in the production of slightly enriched uranium fuel assemblies for the CANDU "Bruce" reactor)

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 uranium, including depleted, natural and enriched uranium in various forms up to 5.00% w/o maximum.

The shipment of Australian, Canadian and EURATOM-obligated material is authorized.

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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

SIGNATURE:

NAME AND TITLE:

Margaret M. Doane, Director Office of International Programs

DATE OF ISSUANCE:

August 20, 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.

This license amendment is re-issued to authorize the export of depleted uranium.

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, natural and depleted 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, natural and depleted 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 and depleted uranium blended with dysprosium into finished fuel.)

All other conditions remain the same.