

EXPORT LICENSE

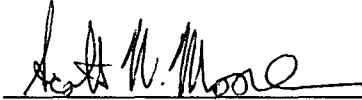
NRC FORM 250
(10-07)**UNITED STATES OF
AMERICA**Nuclear Regulatory Commission
Washington, D.C. 20555NRC LICENSE NO.: XSNM3485
Amendment No. 01

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NRC DOCKET NO.: 11005675

LICENSE EXPIRES December 31, 2013

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(S) U.S. Department of Energy New Brunswick Laboratory 9800 South Cass Avenue Building 350 Argonne, IL 60439 Attn: Heidi Williams		ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) Japan Nuclear Fuel Limited 4-108, Aza Okitsuke, Oaza Obuchi Rokkasho-Mura, Kamikita-Gun Aomori-Ken, 039-3212 Japan (Reference materials for use at the Rokkasho Nuclear Fuel Processing Plant and the Mixed Oxide Fuel Fabrication Plant for carrying out material accountancy)	
INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) NONE		OTHER U.S. PARTY(IES) TO EXPORT NONE	
APPLICANT'S REFERENCE NO.: 08-016		ULTIMATE DESTINATION: Japan	
QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES The licensee is authorized to export a maximum of 66.8 grams uranium-235 contained in 70.4 grams uranium enriched to 97.0 w/o maximum, as solid metal. XSNM3485, Amendment No. 01 is continued on Page 2		
<p>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.</p> <p>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.</p>		<p>THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE</p> <p>SIGNATURE: </p> <p>NAME AND TITLE: Scott W. Moore, Deputy Director Office of International Programs</p> <p>DATE OF ISSUANCE: October 3, 2008</p>	

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DESCRIPTION OF MATERIALS OR FACILITIES: (cont'd)

License is amended to:

1. Extend the expiration date from June 30, 2008 to December 31, 2013;
2. Increase the quantity of high enriched uranium (HEU) authorized for export by 32.0 grams, from 38.4 grams to a new cumulative total of 70.4 grams of HEU;
3. Increase the enrichment percentage from 93.0 w/o maximum to 97.0 w/o maximum;
4. Add the Mixed Oxide Fuel Fabrication Plant, which is under construction at the Rokkasho site, as an "Ultimate Consignee;"
5. Remove the authorization for the export of 200.0 grams of natural uranium; and
6. Remove all forwarding agents previously identified and insert "NONE" under "Other Party(ies) to Export."

All other conditions remain unchanged.

/END/