

<b>NRC FORM 7</b> (6-2006) 10 CFR 110	<b>U.S. NUCLEAR REGULATORY COMMISSION</b>	<b>APPROVED BY OMB: NO. 3150-0027</b> Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to <a href="mailto:Infocollects@nrc.gov">Infocollects@nrc.gov</a> , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.	<b>EXPIRES: 06/30/2009</b>
<b>APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL</b> (See Instructions on Page 5)			

<b>PART A. FOR NRC USE ONLY</b>	<input checked="" type="checkbox"/> PUBLIC OR <input checked="" type="checkbox"/> NON-PUBLIC	DATE RECEIVED: 7-25-06
LICENSE NUMBER: X6A/MO36760	DOCKET NUMBER: 1005638	ADAMS ACCESSION NUMBER:

**PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

<b>1. NAME AND ADDRESS OF APPLICANT/LICENSEE</b> Global Nuclear Fuels-Americas 3901 Castle Hayne Road Wilmington, NC 28401	<b>1a. NAME OF APPLICANT'S CONTACT</b> Bryce MacDonald	<b>1b. APPLICANT'S REFERENCE NUMBER</b> .
	<b>1c. PHONE NUMBER</b> (910) 675-6537	<b>1d. FAX NUMBER</b> (910) 362-6537
	<b>1e. E-MAIL ADDRESS</b> bryce.macdonald@gnf.com	

**2. TYPE OF NRC LICENSE REQUESTED (Check One)**

EXPORT (Parts B, C, E)    
  IMPORT (Parts B, D, E)    
  COMBINED EXPORT/IMPORT (Parts B, C, D, E)    
  AMENDMENT/RENEWAL (Existing License Number: \_\_\_\_\_)

<b>3. CONTRACT NUMBER(S)</b> NA	<b>4. FIRST SHIPMENT DATE</b> 09/01/2006	<b>5. LAST SHIPMENT DATE</b> 12/31/2007	<b>6. PROPOSED EXPIRATION DATE</b> 12/31/2007
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**PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

<b>7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT</b> NA	<b>8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)</b> NA	<b>9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)</b> Atomic Energy Canada Limited (AECL) Chalk River Laboratories Chalk River Ontario Canada RECEIVED OIP 2006 JUL 25 AM 8:40
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<b>7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED</b>	<b>8a. INTERMEDIATE USE(S)</b>	<b>9a. ULTIMATE END USE(S)</b> See Additional Information P. 4
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<b>10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS</b> Enriched Uranium Dioxide (Powder)	<b>10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)</b> 5000 KG	<b>10b. MAX ENRICHMENT OR WGT %</b> 5.0 %	<b>10c. MAX ISOTOPE WGT (KG)</b> 250 KG
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**11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)**  
 NO FOREIGN OBLIGATION

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U.S. NUCLEAR REGULATORY COMMISSION

**APPLICATION FOR NRC EXPORT/IMPORT  
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <i>XSNM03460</i>	DOCKET NUMBER <i>11005638</i>	ADAMS ACCESSION NUMBER	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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**PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i>	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	
	13b. INTERMEDIATE USE(S)	14b. INTERMEDIATE USE(S)	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG) <i>RECEIVED OIP JUL 25 AM 8:40</i>

16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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**18. CERTIFICATION:** I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Bryce MacDonald Leader-International Trade Controls	18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Bryce MacDonald</i>	18c. DATE 07/19/2006
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**APPLICATION FOR NRC EXPORT/IMPORT  
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <u>XSNM03460</u>	DOCKET NUMBER <u>11005</u>	ADAMS ACCESSION NUMBER	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Ultimate End Use: The powder will be used in the manufacture of lead test assemblies for the new generation of Candu Reactors at AECL in Canada. All material fabricated with this powder will be used at the Chalk River facility. Following the tests the fuel will be disposed of at the Chalk River facility.

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