

NRC FORM 7
(8-2007)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 06/30/2009

APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL

(See Instructions on Page 5)

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 infocollects@nrc.gov, 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.

PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED 4/24/08
LICENSE NUMBER XSNM01662/04	DOCKET NUMBER 11001076	ADAMS/ACCESSION NUMBER	

PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

1. NAME AND ADDRESS OF APPLICANT/LICENSEE Global Nuclear Fuel – Americas, L.L.C (see additional info) Attn: Bryce MacDonald		1a. NAME OF APPLICANT'S CONTACT Bryce MacDonald	1b. APPLICANT'S REFERENCE NUMBER XSNM01662
		1c. PHONE NUMBER (910) 675-6537	1d. FAX NUMBER (910) 362-6537
		1e. E-MAIL ADDRESS bryce.macdonald@ge.com	

2. TYPE OF ACTION REQUESTED (Check One)

☐ EXPORT (Parts B, C, E) ☐ NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E) ☐ IMPORT (Parts B, D, E) ☐ COMBINED EXPORT/IMPORT (Parts B, C, D, E) ☒ AMENDMENT/RENEWAL Existing License Number: **XSNM01662**

3. CONTRACT NUMBER(S) N/A	4. FIRST SHIPMENT DATE 03/31/2008	5. LAST SHIPMENT DATE 01/01/2014	6. PROPOSED EXPIRATION DATE 06/21/2014
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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.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT GE Hitachi Nuclear Energy 3901 Castle Hayne Road Wilmington, NC 28401		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) General Electric International, Inc. 168 Tun-Hua North Road, 13th floor Taipei, Taiwan (Importer, Project Manager)		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Taiwan Power Company 242 Roosevelt Road, Section 3 Taipei, Taiwan	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Fuel Manufacturing		8a. INTERMEDIATE USE(S) N/A		9a. ULTIMATE END USE(S) Civilian Power Program	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT Uranium enriched to 5.0 w/o maximum as fabricated BWR fuel bundles.		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 825,100.0 (KG)		10b. MAX ENRICHMENT OR WGT % 5.0%	
				10c. MAX ISOTOPE WGT (KG) 33,000 (KG) Uranium 235 <i>Rec'd 4/24/08</i>	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) Euratom - 20%, Canada - 48%					

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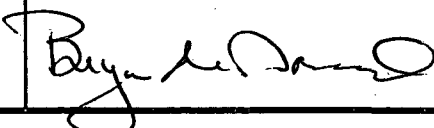
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER XSNM01662/04	DOCKET NUMBER 11001076	ADAMS ACCESSION NUMBER	<input checked="" 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) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END 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)
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
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	18b. SIGNATURE -- AUTHORIZED OFFICIAL 
18c. DATE 04/22/2008 <i>Rec'd 4/24/08</i>	

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

LICENSE NUMBER XSNMD1662/04	DOCKET NUMBER 11001076	ADAMS ACCESSION NUMBER	<input checked="" 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)

**1. (cont.) Global Nuclear Fuel - Americas, L.L.C.
3901 Castle Hayne Road
Wilmington, NC 28402**

*Rec'd
4/24/08*



Global Nuclear Fuel

Bryce MacDonald
Leader-International Trade Controls

A Joint Venture of GE, Toshiba, & Hitachi

Global Nuclear Fuel – Americas, LLC
Castle Hayne Road, Wilmington, NC 28401
(910) 675-6537, Fax (910) 362-6537
Bryce.MacDonald@gene.ge.com

Nuclear Regulatory Commission
Office of International Programs
1 White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

April 22, 2008

Attn: Carlotta Coates

Re: License XSNM01662

Dear Carlotta:

On December 17, 2001 the Nuclear Regulatory Commission (NRC) issued the above referenced license to Global Nuclear Fuel (GNF). The license relates to the initial core load of nuclear fuel for the Lungmen project in Taiwan.

At the time of the application for this license GNF was not aware that its customer, Taiwan Power Company (TPC), intended to procure obligated material. As such the license application did not request, nor did the issued license provide for, the shipment of obligated material. We have now determined that the material purchased by TPC is, in fact, Canadian and EURATOM obligated. Based on this information we are requesting that our license be amended. The application is attached. We are requesting expedited handling of this request.

The first shipment to the Lungmen facility was made on March 31, 2008. The 741 generated for that shipment designated 76% of the Uranium as obligated material and the balance as non-obligated. We now understand that the designation of the material as obligated is not authorized by our license. We have completed an analysis of the composition of all of the fuel that has been manufactured for Lungmen. There is both obligated and non-obligated material in the Lungmen fuel.

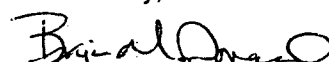
The first shipment of twelve sea vans that left Wilmington on March 31 has arrived in Taiwan. The second shipment of twelve sea vans was scheduled to depart on April 21. We have determined that the quantity of non-obligated material in the entire Lungmen fuel bundle build is sufficient to cover nineteen sea vans. As such we have shipped only seven of the twelve sea vans scheduled for departure today. The 741 for this shipment designated all of the material as non-obligated. It is our intent to reissue the 741 for the original shipment of twelve sea vans designating the entire shipment as being comprised of non-obligated material.


The remaining five sea vans we had planned to ship today and the next shipment of thirteen sea vans scheduled to depart on May 20 will be held until we have received the amended license. These eighteen sea vans will be comprised almost entirely of obligated material.

I am attaching our application to amend XSNM01662 to allow for the shipment of obligated material. We are requesting expedited treatment for this application so we can meet our customer obligations. Thank you in advance for your cooperation.

If you have any questions or if you require additional information please let me know.

Sincerely,


Bryce MacDonald


4/24/08