



Revised
Application
XCOM1176

Global Nuclear Fuel

Elaine Ferko
Import/Export Coordinator

A Joint Venture of GE, Toshiba, & Hitachi

Global Nuclear Fuel – Americas, LLC
Castle Hayne Road, Wilmington, NC 28401
(910) 675-6783, Fax (910) 362-6783
Elaine.Ferko@gnf.com

January 3, 2006

Margaret M. Doane, Deputy Director
U. S. Nuclear Regulatory Commission
11555 Rockville Pike, Mail Stop 04-E21
Rockville, MD 20852

RE: XCOM1176 Amendment

Dear Ms. Doane,

Attached please find copy of the NRC Form 7 application for license for Global Nuclear Fuel-Americas, LLC, (GNF) located at 3901 Castle Hayne Road, Wilmington, NC 28401, to export equipment referenced on application and attachment to Ulba Metallurgical Plant, The Republic of Kazakhstan. NRC has assigned License XCOM1176 to this application.

Due to the delay in receiving the government assurances, GNF finds it necessary to amend the application regarding the shipment schedules and license expiration dates as follows:

- 5) First Shipment Scheduled - Amend 12/01/2005 to now read 11/17/2006
- 6) Final Shipment Scheduled - Amend 03/31/2006 to now read 9/28/2007
- 7) Applicant's Contractual Delivery Date – Amend 03/31/2006 to now read 11/30/2007
- 8) Proposed License Expiration Date – Amend 12/31/2006 to now read 12/31/2007
- 11a) Date Required – Amend 03/31/2006 to now read 11/30/2007

Please advise the undersigned if there are any questions or if additional information is required. Thank you.

Regards,
Elaine Ferko
Elaine Ferko

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XCOM1176

#23 Additional information on Consignees, End Uses, and Product Description

The following equipment had been installed around 1982 at Global Nuclear Fuel-Americas in Wilmington, NC, and has not been used for production since 1995. As this is obsolete equipment, it has a book value of \$0. However, based on North Carolina law, obsolete equipment keeps a residual value of [REDACTED] of original cost.

Hydramet Precompaction Presses with Continental Hydraulics Pump/Controls: De-air the powder and increase the bulk density of the hammer milled powder. Precompaction produces a cake which is then granulated to enhance flow ability and bulk density.

[REDACTED]

Stokes Granulator: Forces the precompaction cakes/chunks through a 12 mesh screen to produce a powder that has acceptable die fill characteristics and higher bulk density.

[REDACTED]

Mikropul (Hasokawa) Powder Hammer Mill: Enhance the sintering properties of the UO2 powder by reducing the particle size and increasing the surface area.

[REDACTED]

Mechanical Can Dumper

[REDACTED]

Bag House Filter Assembly

[REDACTED]

[REDACTED]

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Elaine Perki

Global Nuclear Fuel-Americas, LLC
August 15, 2005

REVISED

NRC FORM 7 (5-2003) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION			APPROVED BY OMB: NO. 3150-0027		EXPIRES: 03/31/2006										
APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT (See Instructions on Reverse)									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 Management Branch (T-6 E6), 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.								
1. APPLICANT'S USE			a. DATE OF APPLICATION August 15, 2005			b. APPLICANT'S REFERENCE			2. NRC USE			a. DOCKET NUMBER 11005574			b. LICENSE NUMBER XCOM1176		
3. APPLICANT'S NAME AND ADDRESS									4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier)								
a. NAME Global Nuclear Fuel - Americas, LLC									a. NAME								
b. STREET ADDRESS (Facility Site) 3901 Castle Hayne Road									b. STREET ADDRESS								
c. CITY Wilmington			d. STATE NC			e. ZIP CODE 28401			b. STREET ADDRESS								
f. TELEPHONE NUMBER (910) 675-6783			g. FAX (910) 362-6783			h. E-MAIL see Title			c. CITY			d. STATE			e. ZIP CODE		
5. FIRST SHIPMENT SCHEDULED			6. FINAL SHIPMENT SCHEDULED			7. APPLICANT'S CONTRACTUAL DELIVERY DATE			8. PROPOSED LICENSE EXPIRATION DATE			9. CONTRACT NO.					
12/01/2005 - 11/17/2006			03/31/2006 - 9/28/2007			03/31/2006 11/30/2007			12/31/2006 12/31/2007								
10. ULTIMATE FOREIGN CONSIGNEE									11. ULTIMATE END USE (Include plant or facility name)								
a. NAME Ulba Metallurgical Plant									To be used in Ulba Metallurgical Plant, Republic of Kazakhstan, for production of final UO2 product that meets GNF powder specification.								
b. STREET ADDRESS (Facility Site) 102 Abay Street									11a. DATE REQUIRED 03/31/2006								
c. CITY 49026, Ust-Kamenogorsk			d. COUNTRY Republic Kazakhstan						13. INTERMEDIATE END USE								
12. INTERMEDIATE FOREIGN CONSIGNEE									13a. DATE REQUIRED								
a. NAME									RECEIVED OIP 2006 JAN -4 PM 3:56								
b. STREET ADDRESS (Facility Site)																	
c. CITY			d. COUNTRY														
14. INTERMEDIATE FOREIGN CONSIGNEE									15. INTERMEDIATE END USE								
a. NAME									15a. DATE REQUIRED								
b. STREET ADDRESS (Facility Site)																	
c. CITY			d. COUNTRY														
16. COM CODE		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)					18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WEIGHT		21. UNIT				
		(2) Hydramet Precompaction Presses, Model HCR-30-EC, Serial # H8510, H8511, with (2) Continental Hydraulics Pump/Controls, Model PVR50-42ASR-RF-P-5-H; (1) Stokes Granulator Assembly, Model 900-43-6, Ser#T6656371;															
22. FOREIGN OBLIGATIONS BY COUNTRY AND PERCENTAGE (Use separate sheet if necessary)																	
23. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary)																	
(1) Powder Hammer Mill, Mikropul(Hosokawa) Model HS-1; (1) Mechanical Can Dumper/Bag House Filter Assembly; See attachment for dollar values.																	
24. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations; and that all information in this application is correct to the best of his/her knowledge.																	
25. AUTHORIZED OFFICIAL			a. SIGNATURE Elaine Ferko						b. TITLE Import/Export Coordinator: Elaine.Ferko@gnf.com								