

**GULF UNITED**  
NUCLEAR FUELS CORPORATION

June 6, 1973

ROUTE 21-A  
HEMATITE, MISSOURI 63047  
314-296-5640

PH/RCM/73/43

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U.S. Atomic Energy Commission  
Agreements & Exports Branch  
Norfolk Avenue  
Bethesda, Maryland, 20014

Attention: Gene Blanc, Chief

Gentlemen:

The attached application is submitted for approval to export approximately 27.1 Kgs of 93% enriched Uranium metal for Atomic Energy of Canada, Limited.

A copy of AEC Contract CA/S/221 will be mailed to your attention from the Division of International Programs to support the end use stated on the attached application.

Our scheduled delivery to AECL of the 27.1 Kgs Uranium metal is 7/15/73 and approval of this application to facilitate that commitment would be appreciated.

Very truly yours,

GULF UNITED NUCLEAR FUELS  
CORPORATION

Robert C. Miller  
Supervisor, Production Control

RCM:wg  
Enclosure

E-29

APPLICATION FOR LICENSE TO EXPORT  
BYPRODUCT, SOURCE, OR SPECIAL NUCLEAR MATERIAL

Submit in Triplicate

Carefully Read Instructions on Back

1. DATE OF APPLICATION 6/6/73	2. APPLICANT'S REFERENCE NO. (if any) 7154	3. COUNTRY OF ULTIMATE DESTINATION Canada
4. NAME OF APPLICANT Gulf United Nuclear Fuels Corporation STREET ADDRESS Route 21A P.O. Box 107 CITY, STATE, AND ZIP CODE Hematite, Missouri, 63047		5. ULTIMATE CONSIGNEE IN FOREIGN COUNTRY (Name and address) Atomic Energy of Canada Limited Chalk River Nuclear Laboratories Chalk River, Ontario, Canada
6. INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY (Give name and address. If same as ultimate consignee, state "Same.") Eldorado Nuclear Limited Port Hope, Ontario		7. IF PURCHASER IN FOREIGN COUNTRY IS OTHER THAN ULTIMATE CONSIGNEE, GIVE NAME AND ADDRESS. (If same, state "Same.") Same
8. (a) QUANTITY TO BE SHIPPED (See instructions on back) 27.1 Kgs of Uranium Metal containing 25.3 Kgs of U <sup>235</sup>	(b) COMMODITY DESCRIPTION (Include chemical and physical form; for special nuclear material and byproduct material also specify isotopic content; if in a device, identify the device, manufacturer, and model number.) Uranium metal, broken pieces, 93.3% Enriched in U <sup>235</sup>	

(c) SHIPPING AND PACKING PROCEDURES (Required for special nuclear material. See instructions on back.)

The metal will be packaged in three model UNC 1352 shipping drums. A maximum of 13.5 Kgs U<sup>235</sup> in any drum. Packaging and shipping will be in accordance with DOT SP 6300 and SNM 33 License.

9. END USE OF COMMODITIES COVERED BY THIS APPLICATION: (Describe fully, stating what will be produced or manufactured, what service will be rendered, or the nature of the research that will be performed.) (See instructions on back for special nuclear material.)

This transaction is covered by USAEC Sale Contract CA/S/221. The uranium metal will be used to manufacture fuel for the NRX Reactor at Chalk River.

10. The applicant, and any official executing this certificate on behalf of the applicant named in Item 4, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Parts 30 and 36 (if for byproduct material) or Part 40 (if for source material), or Part 70 (if for special nuclear material), and Part 71 (for transport of radioactive material, if applicable) and that all information contained herein, including any supplements attached hereto, is true and correct to the best of their knowledge and belief.

Gulf United Nuclear Fuels Corporation

(Applicant named in Item 4)

By: 

Supervisor, Production Control

(Title of certifying official authorized to act on behalf of the applicant)