

# GULF NUCLEAR FUELS COMPANY

A DIVISION OF GULF OIL CORPORATION

February 7, 1974

GRASSLANDS ROAD  
ELMSFORD, NEW YORK 10523  
914-592-9000

PH/RCM/74/4

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

Attention: Gene Blanc, Chief

Gentlemen:

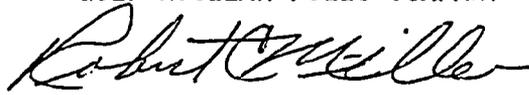
The attached application is submitted for approval to export 1255 gms U235 as 93.3% enriched uranium dioxide. This uranium is now owned by The Hydro-Electric Power Commission of Ontario and resulted from the purification of process overages furnished by Hydro-Electric on AEC contracts CA/S/220 and CA/S/202.

Atomic Energy of Canada Limited will purchase the uranium from Hydro-Electric and will use it for experimental fuels at the Chalk River Nuclear Laboratories.

Due to our programmed shutdown of the Hematite Facility, this material is scheduled to be shipped the week of February 25, 1974. Your release for export consistent with that schedule would be appreciated.

Very truly yours,

GULF NUCLEAR FUELS COMPANY



Robert C. Miller  
Supervisor, Production Control

RCM:wg  
Enclosure

E-47

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

Submit in Triplicate

Carefully Read Instructions on Back

1. DATE OF APPLICATION 2/8/74	2. APPLICANT'S REFERENCE NO. (if any) 7141-3	3. COUNTRY OF ULTIMATE DESTINATION Canada
4. NAME OF APPLICANT Gulf Nuclear Fuels Company STREET ADDRESS Route 21A CITY, STATE, AND ZIP CODE Hematite, Missouri, 63047		5. ULTIMATE CONSIGNEE IN FOREIGN COUNTRY (Name and address) Atomic Energy of Canada, Ltd. Chalk River Nuclear Laboratories Chalk River, Ontario
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) 1255 gms of U <sup>235</sup> contained in 1540 gms UO <sub>2</sub>	(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.) 93.3% Enriched Uranium Dioxide Powder	

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

The oxide will be shipped in one (1) UNC 1352 shipping drum. Packaging and shipping will conform to DOT SA 6300 and SNM-33 license requirements

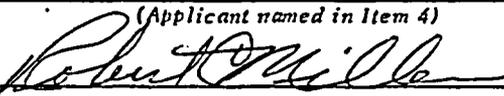
9. END USE OF COMMODITIES COVERED BY THIS APPLICATION: (Describe fully, stating what will be produced or manufactured, what service will be rendered, or the nature of the research that will be performed.) (See instructions on back for special nuclear material.)

To be used by Atomic Energy of Canada as experimental fuels at Chalk River Nuclear Laboratories

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 Nuclear Fuels Company

(Applicant named in Item 4)

By: 

Supervisor, Production Control

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