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GULF UNITED
NUCLEAR FUELS CORPORATION

July 16, 1973

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

Superseded
by 9-10-73 appl.

PH/RCM/73/52

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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 15.7 Kgs of 93% enriched uranium metal.

This shipment, although having a common shipping address, has three purchasers. The various quantities, purchasers, and end uses are itemized in Sections 7 and 9 of the application and on the attached end use statements.

Our scheduled shipping date for the total quantity is September 15, 1973. If additional information is required, please contact me.

Very truly yours,

GULF UNITED NUCLEAR FUELS
CORPORATION

Robert C. Miller
Supervisor, Production Control

RECEIVED
U.S. ATOMIC ENERGY COMMISSION
AGREEMENTS AND EXPORTS BRANCH
JUL 19 1973
AM 7,8,9,10,11,12,1,2,3,4,5,6 PM

E-58

Form AEC-7
(2-67)
10 CFR 30, 40

U.S. ATOMIC ENERGY COMMISS
Washington, D.C. 20545

Form approved
Budget Bureau No.
38-R0007.

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

Submit in Triplicate

Carefully Read Instructions on Back

1. DATE OF APPLICATION	2. APPLICANT'S REFERENCE NO. (if any)	3. COUNTRY OF ULTIMATE DESTINATION
7/13/73	7157	Japan

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)*
Nuclear Fuel Industries, Ltd.
Kumatori Plant
Kumatori-Cho
Senna-Gun, Osaka, Japan

6. INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY *(Give name and address. If same as ultimate consignee, state "Same.")*
Sumitomo Shoji Kaisha, Ltd.
1-2-2 Hitotsubashi
Chi Voda Ku
Tokyo, 100, Japan

7. IF PURCHASER IN FOREIGN COUNTRY IS OTHER THAN ULTIMATE CONSIGNEE, GIVE NAME AND ADDRESS. *(If same, state "Same.")*
~7.4Kgs U Nuclear Fuel Industries, Ltd.
~2.0Kgs U Mitsubishi Atomic Power Industries
~6.0Kgs U Japan Atomic Energy Research Inst.
all of Tokyo, Japan

8. (a) QUANTITY TO BE SHIPPED *(See instructions on back)*
15.7 Kgs Uranium metal containing 14.7 Kgs of U^{235}

(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^{235}

(c) SHIPPING AND PACKING PROCEDURES *(Required for special nuclear material. See instructions on back.)*
The metal will be packaged in three (3) UNC 1352 drums with a maximum of 13.5 Kgs U^{235} in any one (1) drum. Packaging and shipping will be in accordance with license SNM 33 and container special permit DOT SP 6300.

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.)*
About 7.4 Kgs of uranium will be used by Nuclear Fuel Industries, Ltd., Tokyo, Japan, to manufacture plate type fuels for Kyoto University; about 2.0 Kg U will be used by Mitsubishi Atomic Power Industries, Inc. to manufacture plate fuels for Japan Research Reactor II of JAERI; and about 6.0 Kg U for JAERI to be used in Japan Research Reactor I and Japan Material Testing Reactor.

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 Corporatio
(Applicant named in Item 4)

By: Robert C. Miller

Supervisor, Production Control
(Title of certifying official authorized to act on behalf of the applicant)

Warning: 18 U.S.C. Section 1001; Act of June 25, 1948: 62 Stat. 749; makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction