

FORM NRC-7  
(12-78)  
10 CFR 110

## U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR LICENSE TO EXPORT NUCLEAR  
MATERIAL AND EQUIPMENT (See Instructions on Reverse)APPROVED BY GAO  
B-18C225-R03621

|                                                                                                                                                                                                                      |  |                                   |  |                                                                                                                               |  |                                                                                                                                         |  |                                                         |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------|--|
| 1. APPLICANT'S<br>USE →                                                                                                                                                                                              |  | 6. DATE OF APPLICATION<br>6-21-89 |  | D. APPLICANT'S REFERENCE                                                                                                      |  | 2. NRC<br>USE →                                                                                                                         |  | B. LICENSE NO.<br>XUO 8680                              |  |
| 3. APPLICANT'S NAME AND ADDRESS                                                                                                                                                                                      |  |                                   |  | RIB                                                                                                                           |  | 4. SUPPLIER'S NAME AND ADDRESS<br>(Complete if applicant is not supplier of material)                                                   |  |                                                         |  |
| a. NAME<br>Energy Fuels Nuclear, Inc.                                                                                                                                                                                |  |                                   |  |                                                                                                                               |  | N/A                                                                                                                                     |  |                                                         |  |
| b. STREET ADDRESS<br>1200 Seventeenth Street, Suite #2500                                                                                                                                                            |  |                                   |  |                                                                                                                               |  | a. NAME                                                                                                                                 |  |                                                         |  |
| c. CITY<br>Denver                                                                                                                                                                                                    |  | STATE<br>CO                       |  | ZIP CODE<br>80202                                                                                                             |  | D. STREET ADDRESS                                                                                                                       |  |                                                         |  |
| d. TELEPHONE NUMBER (Area Code - Number - Extension)<br>(303) 623-8317 (Contact: George E. Glasier)                                                                                                                  |  |                                   |  |                                                                                                                               |  | e. CITY                                                                                                                                 |  | STATE ZIP CODE                                          |  |
| 5. FIRST SHIPMENT<br>SCHEDULED                                                                                                                                                                                       |  | 8. FINAL SHIPMENT<br>SCHEDULED    |  | 7. APPLICANT'S CONTRACTUAL<br>DELIVERY DATE                                                                                   |  | E. PROPOSED LICENSE<br>EXPIRATION DATE                                                                                                  |  | 9. U.S. DEPARTMENT OF ENERGY<br>CONTRACT NO. (if known) |  |
| August 1989                                                                                                                                                                                                          |  | December 1990                     |  | August 1989 through<br>December 1990                                                                                          |  | January 1991                                                                                                                            |  | N/A                                                     |  |
| 10. ULTIMATE CONSIGNEE                                                                                                                                                                                               |  |                                   |  | RIB                                                                                                                           |  | 11. ULTIMATE END USE<br>(Include plant or facility name)                                                                                |  |                                                         |  |
| a. NAME<br>Eurodif SA or Urenco Limited                                                                                                                                                                              |  |                                   |  |                                                                                                                               |  | 1. For conversion into UF <sub>6</sub> at Cameco,<br>transfer to Urenco Limited or Eurodif<br>SA for enrichment and returned to the US. |  |                                                         |  |
| b. STREET ADDRESS                                                                                                                                                                                                    |  |                                   |  |                                                                                                                               |  | 2. For conversion into UF <sub>6</sub> at Cameco and re-<br>turned to the US for enrichment.                                            |  |                                                         |  |
| c. CITY - STATE - COUNTRY                                                                                                                                                                                            |  |                                   |  |                                                                                                                               |  | 11b. EST. DATE OF FIRST USE                                                                                                             |  |                                                         |  |
| 13. INTERMEDIATE CONSIGNEE                                                                                                                                                                                           |  |                                   |  | RIB                                                                                                                           |  | 12. INTERMEDIATE END USE                                                                                                                |  |                                                         |  |
| a. NAME<br>Cameco, A Canadian Mining & Energy Corporation                                                                                                                                                            |  |                                   |  |                                                                                                                               |  | CONVERSION TO UF <sub>6</sub>                                                                                                           |  |                                                         |  |
| b. STREET ADDRESS                                                                                                                                                                                                    |  |                                   |  |                                                                                                                               |  |                                                                                                                                         |  |                                                         |  |
| c. CITY - STATE - COUNTRY<br>Blind River, Ontario, Canada                                                                                                                                                            |  |                                   |  |                                                                                                                               |  | 13a. EST. DATE OF FIRST USE                                                                                                             |  |                                                         |  |
| 14. INTERMEDIATE CONSIGNEE                                                                                                                                                                                           |  |                                   |  | RIB                                                                                                                           |  | 15. INTERMEDIATE END USE                                                                                                                |  |                                                         |  |
| a. NAME<br>N/A                                                                                                                                                                                                       |  |                                   |  |                                                                                                                               |  |                                                                                                                                         |  |                                                         |  |
| b. STREET ADDRESS                                                                                                                                                                                                    |  |                                   |  |                                                                                                                               |  |                                                                                                                                         |  |                                                         |  |
| c. CITY - STATE - COUNTRY                                                                                                                                                                                            |  |                                   |  |                                                                                                                               |  |                                                                                                                                         |  |                                                         |  |
| 16. NRC<br>USE                                                                                                                                                                                                       |  |                                   |  | 17. DESCRIPTION<br>(Include chemical and physical form of nuclear material, gross weight of nuclear equipment and components) |  | 18. MAX. ELEMENT<br>WEIGHT                                                                                                              |  | 19. MAX.<br>WT. %                                       |  |
|                                                                                                                                                                                                                      |  |                                   |  | Natural Uranium Concentrates (U <sub>3</sub> O <sub>8</sub> ) in the<br>form of Yellow Cake                                   |  | 300,000                                                                                                                                 |  | 0.711%                                                  |  |
|                                                                                                                                                                                                                      |  |                                   |  | 8906280016 890623<br>PDR EXPORT<br>XU-8680 PDC                                                                                |  |                                                                                                                                         |  | 20. MAX<br>ISOTOPE WT.                                  |  |
|                                                                                                                                                                                                                      |  |                                   |  |                                                                                                                               |  |                                                                                                                                         |  | none                                                    |  |
|                                                                                                                                                                                                                      |  |                                   |  |                                                                                                                               |  |                                                                                                                                         |  | 21. UNIT<br>Kgs.                                        |  |
| 22. COUNTRY OF ORIGIN -<br>SOURCE MATERIAL                                                                                                                                                                           |  |                                   |  | 23. COUNTRY OF ORIGIN -<br>WHERE ENRICHED OR PRODUCED                                                                         |  | 24. COUNTRIES WHICH ATTACH<br>SAFEGUARDS (if known)                                                                                     |  |                                                         |  |
| United States                                                                                                                                                                                                        |  |                                   |  |                                                                                                                               |  |                                                                                                                                         |  |                                                         |  |
| 25. ADDITIONAL INFORMATION (Use separate sheet if necessary)                                                                                                                                                         |  |                                   |  |                                                                                                                               |  |                                                                                                                                         |  |                                                         |  |
| 26. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information in this<br>application is correct to the best of his/her knowledge. |  |                                   |  |                                                                                                                               |  |                                                                                                                                         |  |                                                         |  |
| 27. AUTHORIZED OFFICIAL                                                                                                                                                                                              |  |                                   |  | a. SIGNATURE<br>George E. Glasier                                                                                             |  | b. TITLE<br>Vice President - Marketing                                                                                                  |  |                                                         |  |

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## energy fuels nuclear, inc.

one labor center • suite 2500  
1200 seventeenth street • denver, colorado 80202

June 21, 1989

(303) 623-8317  
TWX 910-931-2561  
fax 303-595-0930

Mr. R. Neal Moore *TELECOPY NO. 202-492-0260 PHONE: 492-0342*  
Assistant Director for International Security  
Export/Import and International Safeguards  
Nuclear Regulatory Commission  
11555 Rockville Pike  
Building One White Flint North  
Rockville, Maryland 20852

*XSNM02463  
11004190*

Re: Application for License to Export Nuclear Material and Equipment (Form NRC-7)

Dear Mr. Moore:

Enclosed please find an Application for License to Export Nuclear Material and Equipment (Form NRC-7) for Energy Fuels Nuclear, Inc., ("Energy Fuels"). In this application, Energy Fuels seeks authority to:

1. Ship natural uranium concentrates ( $U_3O_8$ ) in the form of yellowcake to Cameco's Blind River conversion facility for conversion into uranium hexafluoride ( $UF_6$ ).
2. Ship a portion of the  $UF_6$  from Cameco to Eurodif SA and Urenco Limited for enrichment and to return such enriched nuclear material to the United States after enrichment at Eurodif SA or Urenco Limited.
3. Ship the remaining  $UF_6$  from Cameco to the United States for enrichment.

The parties to this application are the same as the suppliers included in our previous license. They include Energy Fuels, Umetco Minerals Corporation (Post Office Box 669, Blanding, Utah 84511) and Bingham Canyon Recovery Unit (9090 West Bingham Highway, Post Office Box 152, Bingham Canyon, Utah 84006).

If you have any questions regarding this application, please do not hesitate to contact me.

Sincerely,

*Byron C. Little*

Byron C. Little  
Contract Administrator

BCL/kak  
Enclosure  
TELECOPY

RECEIVED  
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*8906270229 tp.*