



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

DCS/DF02  
11

MAY 10 1990

Mr. John Rooney  
Technology Policy Division  
Office of Classification and  
Technology Policy  
U.S. Department of Energy  
Washington, D.C. 20585

Dear Mr. Rooney:

Enclosed is an application for an export license (XSNM02531), recently received by the Nuclear Regulatory Commission, for the export of low-enriched uranium oxide in the form of powder or pellets for use as fuel in various light water reactors in Sweden. A letter of assurance is required that the material will be subject to all of the terms and conditions of an agreement for cooperation. Your assistance in obtaining the necessary assurance will be appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "Marvin R. Peterson".

Marvin R. Peterson, Assistant Director  
for International Security, Exports and  
Materials Safety  
International Programs  
Office of Governmental and Public Affairs

Enclosure:  
Appl. dtd. 4/24/90  
(XSNM02531 - Sweden)

9005160072 900510  
PDR EXPORT  
XSNM-2531 PDC

APPLICATION FOR LICENSE TO EXPORT NUCLEAR  
MATERIAL AND EQUIPMENT (See Instructions on Reverse)

1. APPLICANT'S USE		a. DATE OF APPLICATION April 24, 1990		b. APPLICANT'S REFERENCE RIS YUD		2. NRC USE		a. DOCKET NO. 1100-4279		b. LICENSE NO. 261002531			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)							
a. NAME Advanced Nuclear Fuels Corporation						b. LICENSE NO. RIS							
b. STREET ADDRESS 2101 Horn Rapids Road						a. NAME							
c. CITY Richland						STATE WA		ZIP CODE 99352		b. STREET ADDRESS			
d. TELEPHONE NUMBER (Area Code - Number - Extension) (509) 375-8537						c. CITY				STATE ZIP CODE			
5. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)					
TBD		TBD		TBD		June 30, 1995							
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)							
a. NAME Sydsvenski Vaerma Kraftaktiebolaget Fach						Fuel for light water reactor							
b. STREET ADDRESS 200 70 Malmoe						11a. EST. DATE OF FIRST USE							
c. CITY - STATE - COUNTRY Sweden						13. INTERMEDIATE END USE							
12. INTERMEDIATE CONSIGNEE						13a. EST. DATE OF FIRST USE							
a. NAME Advanced Nuclear Fuels GmbH						Fuel fabrication.							
b. STREET ADDRESS Pollersand Industriepark Postfach 1465						15. INTERMEDIATE END USE							
c. CITY - STATE - COUNTRY 4450 Lingen/EMS, FRG						15a. EST. DATE OF FIRST USE							
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE							
a. NAME						15a. EST. DATE OF FIRST USE							
b. STREET ADDRESS													
c. CITY - STATE - COUNTRY													
16. NRC USE		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)				18. MAX. ELEMENT WEIGHT		19. MAX. RT. %		20. MAX ISOTOPE WT.		21. UNIT	
		Uranium oxide powder or pellets				62,000		5%		2,600			
22. COUNTRY OF ORIGIN - SOURCE MATERIAL				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
Unknown				Unknown									
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 application is correct to the best of his/her knowledge.													
27. AUTHORIZED OFFICIAL				a. SIGNATURE <i>[Signature]</i>				b. TITLE Mgr., Regulatory Compliance					

9405-110-109 (1P)



**ADVANCED NUCLEAR FUELS CORPORATION**

10000 HANLEY ROAD, P.O. BOX 130, RICHMOND, VA 23050-0130  
TEL: (804) 261-1100 FAX: (804) 261-1101

REGULATORY COMPLIANCE

April 27, 1990  
CWM:90:067

XSNM 02531  
11004299  
(X-Ref XSNM 02017)

U.S. Nuclear Regulatory Commission  
Attn: Mr. Marvin R. Peterson, Assistant Director  
International Security - International Program  
Office of Governmental and Public Affairs  
Washington, DC 20555

Dear Mr. Peterson:

**EXPORT LICENSE APPLICATION**

Advanced Nuclear Fuels Corporation (ANF) requests that a new export license be authorized for shipment of uranium oxide pellets to its plant in Lingen, FRG for fabrication into fuel elements for various Swedish reactors.

This application is at your request in lieu of increasing the amount authorized by License No. XSNM02097; therefore, my letter of April 11, 1990 requesting such an increase may be disregarded.

Very truly yours,

*Charles W. Malody for*  
Charles W. Malody, Manager

EXPORT INTL  
SAFE GUARD

90 MAY -5 AM 57

REC'D  
U.S.

jrs

Enclosure

cc: Christiane Flingou

90051105 (1p)