



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

DCS/DF02

OCT 12 1990

Mr. John M. Rooney, Director  
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 (XSNM02567), recently received by the Nuclear Regulatory Commission, for the export of low-enriched uranium for use in quality evaluation for destructive and non-destructive testing in Sweden. Assurances are 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 assurances will be appreciated.

Sincerely,

Ronald D. Hauber, Assistant Director  
for International Security, Exports and  
Materials Safety  
International Programs  
Office of Governmental and Public Affairs

Enclosure:  
Appl. dtd. 10/02/90  
(XSNM02567 - Sweden)

cc w/Enclosure:  
T. Hart, DOE  
K. DeLaBarre, DOS  
N. Martin, DOE  
M. Rosenthal, ACDA  
L. Burdick, DOD  
G. Kuzmycz, DOC

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PDR XPORT  
XSNM-2567 PNU

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

1. APPLICANT'S USE		4. DATE OF APPLICATION 10/02/90		5. APPLICANT'S REFERENCE		2. NRC USE		3. DOCKET NO. 11004354		6. LICENSE NO. XSNM02567	
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)					
a. NAME ABB Combustion Engineering, Inc.						b. NAME					
b. STREET ADDRESS Highway P						c. STREET ADDRESS					
c. CITY Hematite				STATE MO		ZIP CODE 63047		d. STREET ADDRESS			
d. TELEPHONE NUMBER (Area Code - Number - Extension) (314) 937-4691 Extension 61 (Miller)						e. CITY		STATE		ZIP CODE	
5. FIRST SHIPMENT SCHEDULED 10/19/90		6. FINAL SHIPMENT SCHEDULED 03/28/91		7. APPLICANT'S CONTRACTUAL DELIVERY DATE N/A		8. PROPOSED LICENSE EXPIRATION DATE 7/31/91		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) N/A			
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)					
a. NAME ABB Atom AB						QUALITY EVALUATION - Destructive and Non-Destructive Testing					
b. STREET ADDRESS S-72163						11a. EST. DATE OF FIRST USE					
c. CITY - STATE - COUNTRY Vasteras, Sweden						13. INTERMEDIATE END USE					
12. INTERMEDIATE CONSIGNEE						13a. EST. DATE OF FIRST USE					
a. NAME N/A						N/A					
b. STREET ADDRESS						15. INTERMEDIATE END USE					
c. CITY - STATE - COUNTRY						N/A					
14. INTERMEDIATE CONSIGNEE						15a. EST. DATE OF FIRST USE					
a. NAME N/A						N/A					
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. WT. %	20. MAX. ISOTOPE WT.	21. UNIT	
		UO <sub>2</sub> Pellets Enriched in Isotopic U-235 to a maximum of 4.25%				2120		4.25	90	gms	
22. COUNTRY OF ORIGIN - SOURCE MATERIAL United States			23. COUNTRY OF ORIGIN - ENM WHERE ENRICHED OR PRODUCED United States			24. COUNTRIES WHICH ATTACH SAFECARDS (If Known)					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary) <i>9010+60370 1p</i>											
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>Robert Miller</i>			b. TITLE Manager, Administration and Production Control					



XSWM02567  
11004354

October 5, 1990  
LD-90-076

Mr. Ronald D. Hauber  
Assistant Director for International  
Security (Acting)  
Office of Governmental and Public Affairs  
U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

Subject: Application for License to Export Special  
Nuclear Material

Dear Mr. Hauber:

ABB Combustion Engineering Nuclear Power is participating in a Boiling Water Reactor fuel manufacturing quality demonstration program with its parent company, ABB Atom AB. As part of this program, it is necessary to ship a small sample of unirradiated fuel pellets from our Hematite Nuclear Fuel Manufacturing Facility in Hematite, Missouri to our parent company's facility in Vasteras, Sweden. As such, Combustion Engineering, Inc. is submitting herewith the enclosed Application for License to Export Nuclear Material and Equipment (NRC Form 7) pursuant to 10CFR110.30 and 110.31.

At this time, two shipments of sample fuel pellets having a maximum enrichment of 4.25 wt% U-235 are anticipated. The maximum amount of U-235 to be shipped will be 90 grams. The fuel pellets will be both destructively and nondestructively examined to verify manufacturing quality. It is our expectation that, upon completion of testing, the special nuclear material will be recycled into ABB Atom's fuel fabrication process. As we are in a position to begin shipping the sample fuel pellets as soon as the export license is granted, we respectfully request your expeditious attention to this matter.

ABB Combustion Engineering Nuclear Power

Combustion Engineering Inc

1000 Prospect Hill Road  
Post Office Box 500  
Windsor, Connecticut 06095-0500

Telephone (203) 285-9911  
Fax (203) 285-9911  
Telex 99297 COMEN WSOR

*Handwritten signature and initials*

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Mr. R. D. Hauber  
October 5, 1990

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If you have any questions or require additional information to process this application, please do not hesitate to call me or Mr. Charles Molnar of my staff at (203) 285-5200.

Very truly yours,

COMBUSTION ENGINEERING, INC.



John F. Conant  
Manager

Nuclear Materials Licensing

JFC:CMM:nlv

Enclosure: As Stated