

APPLICATION FOR LICENSE TO EXPORT  
NUCLEAR MATERIAL AND EQUIPMENT

(SEE INSTRUCTIONS ON REVERSE)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION  
COLLECTION REQUEST: 1.7 HOURS. THIS MANDATORY SUBMITTAL IS REVIEWED TO  
ENSURE THAT THE APPLICABLE STATUTORY, REGULATORY, AND POLICY  
CONSIDERATIONS ARE SATISFIED. FORWARD COMMENTS REGARDING BURDEN  
ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6-F33), U.S.  
NUCLEAR REGULATORY COMMISSION, WASHINGTON, D.C. 20555-0001, AND THE  
PAPERWORK REDUCTION PROJECT (3150-0027), OFFICE OF MANAGEMENT AND  
BUDGET, WASHINGTON, DC 20503.

1. APPLICANT'S USE		a. DATE OF APPLICATION June 25, 1999		b. APPLICANT'S REFERENCE		2. NRC USE		a. DOCKET NUMBER 11005231		b. LICENSE NO. XSNM03167			
3. APPLICANT'S NAME AND ADDRESS				RIS		4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)							
a. NAME Siemens Power Corporation				b. STREET ADDRESS (Facility Site) 2101 Horn Rapids Road									
c. CITY Richland				d. STATE WA		e. ZIP CODE 99352		b. STREET ADDRESS					
f. TELEPHONE NUMBER (Area Code - Number - Extension) 509-375-8380						c. CITY		d. STATE		e. ZIP CODE			
5. FIRST SHIPMENT SCHEDULED Oct. 2000		6. FINAL SHIPMENT SCHEDULED Sept. 2002		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE Sept. 2002		9. U.S. DEP. OF ENERGY CONTRACT NO. (If known)					
10. ULTIMATE FOREIGN CONSIGNEE a. NAME See Attached b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY				RIS		11. ULTIMATE END USE (Include plant or facility name) Fuel for use in nuclear reactors within the Euratom Community 11a. DATE REQUIRED :							
12. INTERMEDIATE FOREIGN CONSIGNEE a. NAME Advanced Nuclear Fuels GmbH b. STREET ADDRESS Pollersand-Industrepark, SUD, Postfach 1465 c. CITY 49784 Lingen/EMS d. COUNTRY Germany				RIS		13. INTERMEDIATE END USE Fabrication of fuel for use in nuclear reactors within the EURATOM Community 13a. DATE REQUIRED							
14. INTERMEDIATE FOREIGN CONSIGNEE a. NAME b. STREET ADDRESS c. CITY d. COUNTRY				RIS		15. INTERMEDIATE END USE 15a. DATE REQUIRED							
16. COM CODE		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 WEIGHT		21. UNIT	
		Enriched Uranium in the form of UO <sub>2</sub> Pellets, Powder, UF <sub>6</sub> , U <sub>3</sub> O <sub>8</sub> & UO <sub>3</sub> (See Attached)				42,930		5.0%		2,148		Kgs	
22. COUNTRY OF ORIGIN SOURCE MATERIAL Possible Canadian, Australian & Others				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED NA				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If known) NA					
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USERS, AND PRODUCT DESCRIPTION (Use separate sheet of 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 D. L. Rose						b. TITLE Senior Scientist					

# SNM Exports from Richland to Lingen (FY00/01)

Reactor	Country	Ship Date from Richland	Euratom Contract #	KgU	KgU235 at 5%
KWU-TVO #1	Finland	10/01/00	AGF/5796	1,955	98
KWU-Brunsbuettel	Germany	11/01/00	AGF/5811	1,960	98
KWU-Emsland	Germany	12/15/00	AGF/5593/4	85	4
KWU-Forsmark #1	Sweden	12/15/00	**	1,080	54
KWU-Oskarshamn #2	Sweden	02/15/00	*	1,000	50
KWU-Forsmark #3	Sweden	03/01/01	AGF/5678/1	1,800	90
KWU-Ringhals #1	Sweden	03/15/01	AGF/5647/3	1,250	63
KWU-Isar #2	Germany	04/01/01	**	600	30
KWU-Emsland	Germany	06/15/01	*	350	18
KWU-Gun B	Germany	06/15/01	**	600	30
KWU-Gun B	Germany	07/01/01	AGF/5789	3,500	175
KWU-Biblis A	Germany	08/01/01	AGF/5746/2	450	23
KWU-GUN-B	Germany	08/01/01		300	15
KWU-Sizewell	United Kingdom	08/15/01	**	2,500	125
KWU-Brokdorf	Germany	09/15/01		500	25
Siemens Workingstock	Germany	9/31/01	AG/2300	25,000	1250
				42,930	2,148

\* Application for Reference-No. at EURATOM

\*\* Application for Reference-No. will be sent to EURATOM within the next days

8/9/00 dln

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# SIEMENS

August 9, 2000  
DLN:00:079

U.S. Nuclear Regulatory Commission  
Attn: Mr. Ronald D. Hauber, Deputy Director  
Office of International Programs  
Mail Stop 04E9  
Washington, DC 20555

Dear Mr. Hauber:

Enclosed is a request for issuance of an export license authorizing the export of enriched uranium to Advanced Nuclear Fuels GmbH in Germany. The material will be shipped in the form of enriched  $\text{UO}_2$  Pellets,  $\text{UO}_2$  Powder,  $\text{UF}_6$  and various other forms of powder oxides including  $\text{U}_3\text{O}_8$  and  $\text{UO}_3$ . The material is intended for use in reactors located within the EURATOM Community.

A check for \$1,700 is enclosed.

If you have any questions, please contact me at (509) 375-8380.

Very truly yours,



D. L. Noss  
Senior Scientist, Safeguards

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**Siemens Power Corporation**

2101 Horn Rapids Road  
Richland, WA 99352

Tel: (509) 375-8100  
Fax: (509) 375-8402