Enclosure 1.

NRC FORM 7 (1-89) 10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB 3150-0027 EXPIRES 12-31-90

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

1. APPLICANT'S USE	a. DATE OF APPLICATION	b. APPLICANT'S REFERENCE	2. NRC USE	a. DOCKET NO.	b. LICENSE NO.
		PNC-1		11004253	XCOM1033

3. APPLICANT'S NAME AND ADDRESS	RIS	4. SUPPLIER'S NAME AND ADDRESS *(Complete if applicant is not supplier of material)*	RIS
a. NAME U. S. Department of Energy		DOE Contractor DE-AC05-840R2140	
b. STREET ADDRESS Office of Nuclear Energy (NE-471, GTN)		a. NAME Martin Marietta Energy Systems, INC.	
c. CITY Washington; STATE DC; ZIP CODE 20545		b. STREET ADDRESS Oak Ridge National Laboratory, P.O.Box 2008	
d. TELEPHONE NUMBER *(Area Code – Number – Extension)* 301-353-4078		c. CITY Oak Ridge; STATE TN; ZIP CODE 37831	

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)*
1989	1999	N/A	12-31-99	DOE/PNC Fuel Cycle Agt. Appvd 1/12/87,(6/24/87)

10. ULTIMATE CONSIGNEE	RIS	11. ULTIMATE END USE *(Include plant or facility name)*	
a. NAME Power Reactor and Nuclear Fuel Develop. Corp		Equipment and systems will be used in a developmental test program in both cold and radioactive environments in a combination of engineering development facilities (continued below in 13.)	
b. STREET ADDRESS Tokai Works, Tokai Mura, Ibaraki-ken		11a. EST. DATE OF FIRST USE	
c. CITY – STATE – COUNTRY Japan Post No. 319-11			
12. INTERMEDIATE CONSIGNEE	**RIS**	**13. INTERMEDIATE END USE**	
a. NAME N/A		and a pre-pilot plant facility to determine performance characteristics and identify design changes needed to improve performance. Results will be utilized in the design of prototype units.	
b. STREET ADDRESS		13a. EST. DATE OF FIRST USE	
c. CITY – STATE – COUNTRY			
14. INTERMEDIATE CONSIGNEE	**RIS**	**15. INTERMEDIATE END USE**	
a. NAME N/A		N/A	
b. STREET ADDRESS		15a. EST. DATE OF FIRST USE	
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 WEIGHT	21. UNIT
	The equipment consists of experimental devices used in the development of advanced techniques for the recovery of fast reactor fuels for the unit operations and support systems as shown in Enclosure 2. Included are spare and replacement parts, monitoring and control devices and interface packages	N/A	N/A	N/A	N/A

22. COUNTRY OF ORIGIN-SOURCE MATERIAL	23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED	24. COUNTRIES WHICH ATTACH SAFEGUARDS *(If Known)*
N/A	N/A	N/A

25. ADDITIONAL INFORMATION *(Use separate sheet if necessary)*

See enclosures to transmittal letter

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	b. TITLE
	Daniel E. Bibler	Dir. Div. of Fuel & Reprocessing

NRC FORM 7 (1-89)

XA

9609180029 1P