

DCS/DFO2

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 12/28/89		b. APPLICANT'S REFERENCE BFFF 7926		2. NRC USE		a. DOCKET NO. 11004237		b. LICENSE NO. XNAT0342		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS						
c. NAME Martek Corporation						a. NAME RIS						
d. STREET ADDRESS 6480 Dobbin Road						b. STREET ADDRESS						
c. CITY Columbia			STATE MD		ZIP CODE 21045		c. CITY					
d. TELEPHONE NUMBER (Area Code - Number - Extension) (301) 740-0081						STATE		ZIP CODE				
5. FIRST SHIPMENT SCHEDULED 1/10/90		6. FINAL SHIPMENT SCHEDULED 12/31/90		7. APPLICANT'S CONTRACTUAL DELIVERY DATE Unknown		8. PROPOSED LICENSE EXPIRATION DATE 12/31/90		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) Unknown				
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE						
a. NAME Ontario Hydro: Bruce Heavy Water Plant						b. STREET ADDRESS Laboratory: c/o Mr. Brian Taus						
c. CITY - STATE - COUNTRY Tiverton, Ontario Canada NOG2TO						11a. EST. DATE OF FIRST USE in medical research.						
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE						
a. NAME None						13a. EST. DATE OF FIRST USE						
b. STREET ADDRESS						15. INTERMEDIATE END USE						
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE						
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE						
a. NAME None						15a. EST. DATE OF FIRST USE						
b. STREET ADDRESS						15. INTERMEDIATE END USE						
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE						
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	
		Downgraded heavy water (unirradiated deuterium oxide) 2,500 kg = \$500,000 9001120225 891228 PDR XPORT PNU XNAT-0342				2,500 kg			99.8% D ₂ O			
22. COUNTRY OF ORIGIN - SOURCE MATERIAL U.S.			23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED Canada			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) None						
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 J. Delente				b. TITLE Senior V.P. Operations						

Copies to Hdenton & DCS/DFO2 on 4/4/90. BK