

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 2-16-81		b. APPLICANT'S REFERENCE STE-8368		2. NRC USE		a. DOCKET NO. 11002390		b. LICENSE NO. 28514		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS						
a. NAME General Electric Co., Lighting Business Group						a. NAME RIS						
b. STREET ADDRESS Nela Park						b. STREET ADDRESS						
c. CITY E. Cleveland			STATE OH		ZIP CODE 44112	c. CITY						
d. TELEPHONE NUMBER (Area Code - Number - Extension) (216)266-3349						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)				
As required by consignee						4-1-83		None				
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE						
a. NAME G.E. do Brasil LID						(Include plant or facility name) Coating for electrodes in high pressure mercury vapor lamps. Lowers the work function of the electrode to optimum electron emission during operation						
b. STREET ADDRESS Caixa Postal 109-ZC-00						11a. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY Rio de Janeiro, Brazil						13. INTERMEDIATE END USE						
12. INTERMEDIATE CONSIGNEE						13a. EST. DATE OF FIRST USE						
a. NAME None						None						
b. STREET ADDRESS						15. INTERMEDIATE END USE						
c. CITY - STATE - COUNTRY						None						
14. INTERMEDIATE CONSIGNEE						15a. EST. DATE OF FIRST USE						
a. NAME None												
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
		Natural thorium (as the oxide), present in a liquid slurry mixture, containing 30% thorium. Four to six shipments per year. Total of 200 kilograms thorium shipped per year.				Not Applicable				100% 238		
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)												
Copy to PDR and ACC 3-4-81												
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 Jerome P. Kelly				b. TITLE Radiation Safety Officer						
		Jerome P. Kelly										



8108270800