



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

DCS/DF02

OCT 12 1989

Mr. Carlton E. Thorne, Director
Office of Nuclear Export and Import Control
Bureau of Oceans and International
Environmental and Scientific Affairs
U. S. Department of State
Washington, D.C. 20520

Dear Mr. Thorne:

Enclosed please find two export license applications (XB001275 and XB001276) from Safety Light Corporation requesting authorization to export dispersed tritium to all countries except Cuba, Cambodia (Kampuchea), North Korea and Vietnam.

Application XB001275 requests 45,000 curies of tritium (15,000 ci/yr for three years) for the export of long-distance airfield markers containing 240 curies per device for testing purposes. This request is a replacement for NRC Export License XB001242 which expired on October 1, 1989, except that the maximum amount of tritium contained in each light source has increased from 120 curies to 240 curies.

Application XB001276 requests 600,000 curies (200,000 ci/yr for three years) to cover tritium contained in self-luminous devices, accelerator target devices, gas chromatograph detector foils and other similar devices which contain up to 25 curies of tritium per device. This request is a replacement for NRC Export License XB001243 which also expired on October 1, 1989. For your information we are attaching NRC Export Licenses XB001242 and XB001243 which indicate the conditions the Executive Branch agencies imposed on these licenses.

In related cases, the Executive Branch is now reviewing ten separate, license applications from Safety Light Corporation for the export of

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PDR XPORT
XB-1275 PDC

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Mr. Carlton Thorne

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large quantities of tritium contained in long-distance airfield markers to specific countries (XB001257 thru XB001266). Safety Light has indicated informally that it intends to withdraw these applications. We will advise you of this by separate letter.

Sincerely,



Marvin R. Peterson, Assistant Director
for International Security, Exports,
and Materials Safety
International Programs
Office of Governmental and Public Affairs

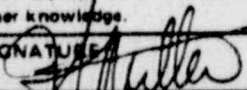
Enclosure:

1. Appl XB001275, dtd 10/3/89
2. Appl XB001276, dtd 10/3/89
3. Copy of Export Licenses XB001242 & XB001243

cc w/Enclosure:

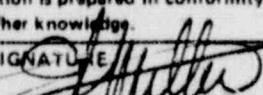
- T. Hart, DOE
- R. DeLaBarre, DOS
- N. Martin, DOE
- M. Rosenthal, ACDA
- G. Brubaker, DOD
- G. Kuzmycz, DOC

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 10/3/89		d. APPLICANT'S REFERENCE RIS		2. NRC USE		a. DOCKET NO. 11004215		b. LICENSE NO. XB001275		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)						
a. NAME SAFETY LIGHT CORPORATION						a. NAME						
d. STREET ADDRESS 4150-A Old Berwick Rd.						d. STREET ADDRESS						
c. CITY Bloomsburg			STATE PA		ZIP CODE 17815		d. STREET ADDRESS					
d. TELEPHONE NUMBER (Area Code - Number - Extension) 717/784-4344						c. CITY			STATE		ZIP CODE	
5. FIRST SHIPMENT SCHEDULED 10/3/89		6. FINAL SHIPMENT SCHEDULED 10/2/92		7. APPLICANT'S CONTRACTUAL DELIVERY DATE N/A		8. PROPOSED LICENSE EXPIRATION DATE 10/2/89		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						Known at time of sales order						
b. STREET ADDRESS						11a. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY						13. INTERMEDIATE END USE						
12. INTERMEDIATE CONSIGNEE						13a. EST. DATE OF FIRST USE						
a. NAME						15. INTERMEDIATE END USE						
b. STREET ADDRESS						15a. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY						15. INTERMEDIATE END USE						
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE						
a. NAME						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	
		Hydrogen-3, Sealed Sources used in generally licensed device - maximum 240 Curies/glass tube source.				15,000 Curies/yr to a maximum 45,000 Curies for 3 years					Curies	
22. COUNTRY OF ORIGIN - SOURCE MATERIAL N/A				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED N/A				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) N/A				
25. ADDITIONAL INFORMATION (Use separate sheet if necessary) No more than 1000 Curies per year of tritium in light sources may be exported to any country listed in 10 CFR 110.29, <u>Restricted Destinations.</u>												
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 PRESIDENT			

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 10/3/89		b. APPLICANT'S REFERENCE RIS		2. NRC USE		a. DOCKET NO. 11004216		b. LICENSE NO. XB001276					
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS <i>(Complete if applicant is not supplier of material)</i>									
a. NAME SAFETY LIGHT CORPORATION						a. NAME RIS									
b. STREET ADDRESS 4150-A Old Berwick Rd.						b. STREET ADDRESS									
c. CITY Bloomsburg			STATE PA		ZIP CODE 17815		b. STREET ADDRESS								
d. TELEPHONE NUMBER (Area Code - Number - Extension) 717/784-4344						c. CITY			STATE		ZIP CODE				
5. FIRST SHIPMENT SCHEDULED 10/3/89		6. FINAL SHIPMENT SCHEDULED 10/2/92		7. APPLICANT'S CONTRACTUAL DELIVERY DATE N/A		8. PROPOSED LICENSE EXPIRATION DATE 10/2/92		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) N/A							
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE <i>(Include plant or facility name)</i>									
a. NAME						Known at time of sales order									
b. STREET ADDRESS						11a. EST. DATE OF FIRST USE									
c. CITY - STATE - COUNTRY						12. INTERMEDIATE CONSIGNEE									
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE									
a. NAME						13a. EST. DATE OF FIRST USE									
b. STREET ADDRESS						14. INTERMEDIATE CONSIGNEE									
c. CITY - STATE - COUNTRY						15. INTERMEDIATE END USE									
14. INTERMEDIATE CONSIGNEE						15a. EST. DATE OF FIRST USE									
a. NAME						16. NRC USE									
b. STREET ADDRESS						17. DESCRIPTION <i>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i>									
c. CITY - STATE - COUNTRY						18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WT.		21. UNIT			
16. NRC USE						200,000 Curies/yr. to a maximum 600,000 Curies for 3 years						Curies			
22. COUNTRY OF ORIGIN - SOURCE MATERIAL N/A				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED N/A				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) N/A							
25. ADDITIONAL INFORMATION: <i>(Use separate sheet if necessary)</i>															
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