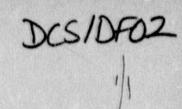


NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555



DCT 1 2 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 caries 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

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:

Appl XB001275, dtd 10/3/89

Appl XB001276, dtd 10/3/89
 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

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB 3180-0027 EXPIRES 11-39-84

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

1. APPLICANT'S & DATE OF APPLICATION & APPLICANT'S REFERENCE 2. NRC & DOCKET NO.

ARE SAPETY LIGHT CORPORATION STATE JOINT STATE COUNTRY TITLE TABLE AND ADDRESS A NAME STATE STATE COUNTRY TITLE TABLE AND ADDRESS STATE STATE COUNTRY TREST ADDRESS A NAME A NAME STATE STATE COUNTRY TITLE FAIR NAME AND ADDRESS TREST ADDRESS STATE ADDRESS A NAME A STATE COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A STATE ADDRESS C CITY - STATE - COUNTRY TILLETARREDIATE CONSIGNEE A NAME A COUNTRY OF ORIGIN- SOURCE MATERIAL AND A TILLETARREDIATE TO THE TILLETARREDIATE TO THE TILLETARREDIATE TO THE TILLETARREDIATE TO	USE	10/	3/89			USE -	- 1100 Yel		XXXVIA				
STREET ADDRESS TITLE TADDRESS ALSO AD BETWICK Rd. STATE SIP CODE PA 17815 STATE SIP CODE TOTAL BLOOMSDUTG TOTAL B					RIS	4. BUPPLI	ER'S NAME AND ADDY	ESS PARTE	10 1 100				
THE STATE COUNTRY THE PHONE NUMBER IAND CON - Number - Extrausion TATATE SIP CODE PA 17815 THE STATE CODE PA 17815 C. CITY TATATE CIP CODE TATATE CODE TATATE CIP CODE TATATE CIP CODE TATATE CIP CODE TATATE CODE TATATE CIP CODE TATATE CIP CODE TATATE CIP CODE TATATE CODE TATATE CIP CODE TATATE CODE TATATE CODE TATATE CODE TATATE CIP CODE TATATE CODE TATATE CODE TATATE CODE TO CATE CODE TATATE CODE TO CATE TATATE CIP CODE TATATE CODE TO CATE TATATE CODE THE CODE TATATE CODE TAT		FETY LIGH	T CORPORATION				III II SUUREMI S AUT SUODIII						
PLOTING NUMBER (Area Coor - Number - Extension) 717/784-84344 FIRST SHIPMENT 717/784-84344 FIRST SHIPMENT 717/784-8346 FIRST SHIPMENT 717/784-8346 FIRST SHIPMENT 804EDULED BONEDULED DELIVERY DATE 10/3/89 10/2/92 N/A 10/2/89 N/A 10/2/8	STREET ADDRESS												
7.17/784-4344 FIRST SHIPMENT SCHOOLED DELIVERY DATE 10/3/89 10/2/92 N/A 10/2/89 N/A 10/2/89						D. STREE							
SCHEDULED SCHEDULED DELIVERY DATE EXPIRATION DATE CONTRACT NO. (((KRoem)) 10/3/89 10/2/92 N/A 10/2/89 N/A 11. ULTIMATE END USE (Include plant or facility name) Known at time of sales order (Intermediate Consigner Intermediate Consigner NAME STREET ADDRESS CITY - STATE - COUNTRY 134. EST. DATE OF FIRST USE 15. INTERMEDIATE END USE 16. INTERMEDIATE END USE 17. DESCRIPTION 18. INTERMEDIATE END USE 18. INTERMEDIATE END USE 19. INT			4										
D. ULTIMATE CONSIGNEE 8. NAME 11. ULTIMATE END USE (Include plant of facility same) 12. EST. DATE OF FIRST USE 13. INTERMEDIATE CONSIGNEE 14. INTERMEDIATE CONSIGNEE 15. INTERMEDIATE CONSIGNEE 16. INTERMEDIATE CONSIGNEE 17. DESCRIPTION 18. INTERMEDIATE END USE 18. INTE							8. PROPOSED LICENSE EXPIRATION DATE						
STARET ADDRESS Known at time of sales order	10/3/	10/3/89 10/2/92				N/A	10/2/89	N/	N/A				
ETREET ADDRESS C. CITY - STATE - COUNTRY 2. INTERMEDIATE CONSIGNEE 3. INTERMEDIATE CONSIGNEE 3. INTERMEDIATE END USE 13. INTERMEDIATE END USE 14. INTERMEDIATE END USE 15. INTERMEDIATE END USE 16. CITY - STATE - COUNTRY 17. DESCRIPTION 18. EST. DATE OF FIRST USE 18. INTERMEDIATE END USE 19. I	. ULTIM	ATE CONSIGN	IEE	RIS					第 8年度 開始				
2. INTERMEDIATE CONSIGNEE RES 13. INTERMEDIATE END USE 13. INTERMEDIATE END USE 14. INTERMEDIATE CONSIGNEE RIS 15. INTERMEDIATE END USE 15. INTERMEDIATE END USE 16. INTERMEDIATE CONSIGNEE RIS 15. INTERMEDIATE END USE 17. DESCRIPTION 15. INTERMEDIATE END USE 18. MAX. ELEMENT 19. MAX. WIT. N. ISOTOPE WIT.	NAME					lincius	be plant or tacility name/						
11. EST. DATE OF FIRST USE 12. INTERMEDIATE CONSIGNEE 13. INTERMEDIATE END USE 14. INTERMEDIATE END USE 15. INTERMEDIATE END USE 16. INTERMEDIATE CONSIGNEE 17. DESCRIPTION 18. EST. DATE OF FIRST USE 18. INTERMEDIATE END USE 18. INTERMEDIATE END USE 19. INTERMEDIATE EN	. STREE	ET ADDRESS				Kno	own at time of	sales or	rder				
2. INTERMEDIATE CONSIGNEE ANAME D. STREET ADDRESS C. CITY - STATE - COUNTRY 4. INTERMEDIATE CONSIGNEE ANAME D. STREET ADDRESS C. CITY - STATE - COUNTRY 15. EST. DATE OF FIRST USE 16. Intermediate chamical and physical from of nuclear natural, give dollar value of nuclear natural, give dollar natural, give dollar nuclear natural, give dollar natural, gi	CITY -	- STATE - CO	UNTRY										
L STREET ADDRESS C. CITY - STATE - COUNTRY A. MYTERMEDIATE CONSIGNEE NAME D. STREET ADDRESS C. CITY - STATE - COUNTRY 13. EST. DATE OF FIRST USE 15. INTERMEDIATE END USE 16. INTERMEDIATE END USE 17. DESCRIPTION 18. MAX. ELEMENT 19. MAX. 20. MAX 21. MAX. ELEMENT 19. MAX. 20. MAX 21. MAX. ELEMENT 19. MAX. 18. MAX. 18. MAX. 19. MAX.			VELONEE	T									
LECOUNTRY OF ORIGIN- SOURCE MATERIAL 23. COUNTRY OF ORIGIN-SOURCE 24. COUNTRY OF ORIGIN-SOURCE 25. ADDITIONAL INFORMATION (Use seperate there if necessary) No more than 1000 Curies per year of tritium in light sources may be exported to any courtry listed in 10 CFR 110.29, Restricted Destinations.	-	-	ASIGNEE	1		- 10. 14.16							
134. EST. DATE OF FIRST USE 15. INTERMEDIATE END USE 16. INTERMEDIATE END USE 17. DATE OF FIRST USE 18. MAX. ELEMENT 19. MAX. 20. MAX WEIGHT WIT. % ISOTOPE WIT. % ISO													
A INTERMEDIATE CONSIGNE A NAME 5. STREET ADDRESS C CITY - STATE - COUNTRY 17. DESCRIPTION INC. Include chemical and physical form of nuclear material, give dollar value of nuclear requirement and gamponents. Hydrogen-3, Sealed Sources used in generally licensed device - maximum 240 Curies/glass tube source. 240 Curies/glass tube source. 25. COUNTRY OF ORIGIN- SOURCE MATERIAL N/A 26. 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, Restricted Destinations.	b. STREE	ET ADDRESS											
A INTERMEDIATE CONSIGNE A NAME A NAME A NAME A STREET ADDRESS C CITY - STATE - COUNTRY 17. DESCRIPTION Include chemical and physical form of nuclear material, give dollar value of nuclear roughment and components. Hydrogen-3, Sealed Sources used in generally licensed device - maximum 240 Curies/glass tube source. 12. COUNTRY OF ORIGIN- SOURCE MATERIAL N/A 13. EST. DATE OF FIRST USE 15. INTERMEDIATE END USE 16. INTERMEDIATE END USE 18. MAX. ELEMENT 19. MAX. 20. MAX WILLIAM IN SOTOPE WT. 19. WEIGHT WT. 19. OOO Curies for 3 years 15. OOO Curies for 3 years 16. ADDITIONAL INFORMATION (Use separate phet if necessary) N/A 16. ADDITIONAL INFORMATION (Use separate phet 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, Restricted Destinations.	c CITY	- STATE - CO	UNTRY			-							
A INTERMEDIATE CONSIGNEE NAME D. STREET ADDRESS C. CITY - STATE - COUNTRY 17. DESCRIPTION INC. Include chemical and physical form of nucleus material, give dollar value of nucleus requipment and components Hydrogen-3, Sealed Sources used in generally licensed device - maximum 240 Curies/glass tube source. 18. 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, Restricted Destinations.						134 EST	DATE OF FIRST USE						
15. EST. DATE OF FIRST USE 17. DESCRIPTION 18. Include chemical and physical form of nuclear material, give dollar value of nuclear equipment and components Hydrogen-3, Sealed Sources used in generally licensed device - maximum 240 Curies/glass tube source. 17. DESCRIPTION 18. EST. DATE OF FIRST USE 18. MAX. ELEMENT 19. MAX. 20. MAX WEIGHT WT. % ISOTOPE WT. 19. MAX. 20. MAX WEIGHT WT. % ISOTOPE WT. 19. MAX. 20. MAX WEIGHT WT. % ISOTOPE WT. 19. MAX. 20. MAX WEIGHT WT. % ISOTOPE WT. 19. MAX. 20. MAX WEIGHT WT. % ISOTOPE WT. 19. MAX. 20. MAX WEIGHT WT. % ISOTOPE WT. 19. MAX. 20. MAX WEIGHT WT. % ISOTOPE WT. 19. MAX. 20. MAX WEIGHT WT. % ISOTOPE WT. 19. MAX. 20. MAX WEIGHT WT. % ISOTOPE WT. 19. MAX. 20. MAX WEIGHT WT. % ISOTOPE WT. 19. MAX. 20. MAX WT. % ISOTOPE WT. 19. MAX. 20. M	4. INTER	RMEDIATE CO	NSIGNEE	RIS									
NRC (include chemical and physical form of nuclear material), give dollar value of nuclear equipment and components)	c. CITY			ESCRIPTI	ON	15e. EST		T 19. MAX	. 20. MAX	21.			
generally licensed device - maximum 240 Curies/glass tube source. 23. COUNTRY OF ORIGIN-SNM SOURCE MATERIAL WHERE ENRICHED OR PRODUCED N/A 25. ADDITIONAL INFORMATION (Use separate there 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, Restricted Destinations.	NRC		ude chemical and physical form of nuclear material; give dolla				WEIGHT	WT. 1	ISOTOPE WT.	UNIT			
SOURCE MATERIAL N/A N/A N/A N/A SAFEGUARDS (If Known) N/A N/A 25. ADDITIONAL INFORMATION (Use separate sheet if necessary) No more than 1000 Curies per year of tritiun in light sources may be exported to any country listed in 10 CFR 110.29, Restricted Destinations. 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.		generally licensed device - maximum					to a maximum 45,000 Curie			Curies			
No more than 1000 Curies per year of tritium in light sources may be exported to any country listed in 10 CFR 110.29, Restricted Destinations. 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. BIGNATURE A. B. TITLE		CE MATERIAL				D OR PRODU	THE REAL PROPERTY.	GUARDS (II	Known)				
application is correct to the best of his/her knowledge.		TIONAL INFO No ex	RMATION (Use seperation more than 10 ported to any	00 Cur count	ies per ye ry listed	in 10 CF	R 110.29, Restr	icted D	estinations.				
27 Is SIGNATURE HITE	26. The s	opplicant certifie	to the best of his/her k	prepared nowledge.	in conformity wit	th Title 10, Co	de of Federal Regulations.	and that all	information in this				
PRESIDENT		HORIZED OFF	- signi		the		b. TITLE	PF	RESIDENT				

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB 3150-0027 EXPIRES 11-30-84

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

STREET A CITY E TELEPHOT FIRST SHI SCHEDULI 10/3/8 ULTIMAT NAME STREET	SAFETY LIG DDRESS 1150-A Old Bloomsburg NE NUMBER (A 117/784-43 PMENT ED 39	Berwick Rd. Berwick Rd. Fee Code - Number - 44 6. FINAL SHIPMEN SCHEDULED 10/2/32	STATE PA Extension	PLICANT'S CONT	a. NAME b. STREE	T ADDRESS			19 %	ZIP CODE	
SYREET A CITY FIRST SHI SCHEDULI 10/3/8 ULTIMAT NAME STREET	DDRESS 1150-A Old 3100msburg NE NUMBER (A 717/784-43 PMENT ED 39 TE CONSIGNEE	Berwick Rd. rev Code - Number - 44 6. FINAL SHIPMEN SCHEDULED 10/2/92	STATE PA Extension	17815 PLICANT'S CONT	b. STREE	T ADDRESS	87 (10			
TELEPHOI FIRST SHI SCHEDULI 10/3/8 ULTIMAT NAME STREET	Albonsburg RIOOMSburg RIOOMSburg RIOOMSBURG RIOT/784-43 RMENT ED RICONSIGNEE	ree Code - Number - 44 6. FINAL SHIPMEN SCHEDULED 10/2/32	PA Extension	17815 PLICANT'S CONT	b. STREE				STATE	ZIP CODE	
FIRST SHI SCHEDULI 10/3/8 ULTIMAT NAME STREET	NE NUMBER (A 117/784-43 PMENT ED 39 TE CONSIGNEE	ree Code - Number - 44 6. FINAL SHIPMEN SCHEDULED 10/2/32	PA Extension	17815 PLICANT'S CONT	c. CITY				STATE	ZIP CODE	
FIRST SHI SCHEDULI 10/3/8 ULTIMAT NAME STREET	NE NUMBER (A 117/784-43 PMENT ED 39 TE CONSIGNEE	ree Code - Number - 44 6. FINAL SHIPMEN SCHEDULED 10/2/32	Extension	PLICANT'S CONT		8. PROPOSI			STATE	ZIP CODE	
FIRST SHI SCHEDULI 10/3/8 ULTIMAT NAME STREET	PMENT ED 39 TE CONSIGNEE ADDRESS	6. FINAL SHIPMEN SCHEDULED 10/2/02		LIVERY DATE	RACTUAL	8. PROPOSI					A
10/3/8 10/3/8 10/3/8 10/3/8 10/3/8 10/3/8 10/3/8 10/3/8 10/3/8 10/3/8 10/3/8 10/3/8 10/3/8 10/3/8	ED 39 TE CONSIGNEE ADDRESS	10/2/92		LIVERY DATE	RACTUAL	8. PROPOSI			-		
. ULTIMAT . NAME . STREET . CITY - S	TE CONSIGNEE						PROPOSED LICENSE		TRACT NO. III Kno		
STREET CITY - S	ADDRESS	1		N/A		10/2/92 N			/A		
STREET			RM			MATE END		l			
CITY - S											
. INTERME				HARRY N.	Knov	wn at ti	me of sa	les ord	ler		
	TATE - COUNT	TRY			112 FST	DATE OF F	IRST USE				
NAME	12. INTERMEDIATE CONSIGNEE					RMEDIATE					
- HAMIL											
	ADDRESS				4						
STREET	ADDRESS										
CITY - S	TATE - COUNT	TRY									
14. INTERMEDIATE CONSIGNEE RIS						DATE OF F	STATE OF THE PERSON NAMED AND POST OFFICE ADDRESS OF THE PERSON NAMED AND PARTY.				
STREET	ADDRESS										
CITY - S	TATE - COUNT	RY			15a. EST.	DATE OF F	IRST USE				
NRC USE	17. DESCRIPTION (Include chemical and physical form of nuclear material, give dollar nuclear equipment and components)						K. ELEMENT	19. MAX. WT. %	W. W. S.	X TOPE WT.	21. UN
Hydrogen-3, Sealed Sources used in generally licensed device - maximum 25 Curies/device.					200,000 Curies/yr. to a maximum 600,000 Curies for 3 years					bri	
										/	/
22. COUNTRY OF CRIGIN- SOURCE MATERIAL N/A 23. COUNTRY OF ORIGINATION ORIGINATION OF ORIGINATIO						CED	24. COUNTR SAFEGUA	ARDS (II K		" _	<u> </u>
ADDITIO	NAL INFORMA	TION (Use separate s	heet if nec	essery/							
The met	cant carridge the	t this application is pr	anarad i	conformity with T	itle 10 Cod	e of Federal I	Regulations and	that all in	formation	n in this	
epplicatio	n is correct to th	e best of his/her know		AA WITH T	10, 000			thet all in	TOT METIO	n in this	
AUTHOR	IZED OFFICIA	. SIGNATI	144	the		Ь. Т	ITLE	PRES	IDENT		