



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

DCS/DF02  
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SEP 13 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 is an application from General Atomics for the export of two (2) research reactor control rods with a total value of \$40,000 to Taiwan for use as replacement parts for the THOR research reactor.

Because under 10 CFR Part 110 complete control rods are defined as major components of a nuclear reactor, the application requires the review of the Executive Branch before we can take action on this application. Accordingly, we would appreciate your views, in accordance with established procedures and from the overall perspective of the Executive Branch, as to whether the proposed export meets the applicable criteria in the Atomic Energy Act of 1954, as amended.

Please note the first scheduled shipment is October 2, 1989.

Sincerely,

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

Enclosure:  
Appl. dtd 8/30/89  
(XR152 - Taiwan)

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		b. APPLICANT'S REFERENCE IEL-1439		2. NRC USE		a. DOCKET NO. 11004308		b. LICENSE NO. XR152			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)							
a. NAME General Atomics ATTN: Keith E. Asmussen						b. LICENSE NO. RIS							
b. STREET ADDRESS 10955 John Jay Hopkins Drive						a. NAME							
c. CITY San Diego				STATE CA		ZIP CODE 92121		b. STREET ADDRESS					
d. TELEPHONE NUMBER (Area Code - Number - Extension) (619) 455-2823						c. CITY				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)					
October 2, 1989		Unknown		ASAP after October 2, 1989		September 1, 1992							
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)							
a. NAME National Tsing Hua University						Replacement parts for Taiwan's THOR research reactor.							
b. STREET ADDRESS 855 Kuang Fu Road													
c. CITY - STATE - COUNTRY Hsin-Chu, Taiwan													
12. INTERMEDIATE CONSIGNEE						11a. EST. DATE OF FIRST USE							
a. NAME						13. INTERMEDIATE END USE							
b. STREET ADDRESS													
c. CITY - STATE - COUNTRY						13a. EST. DATE OF FIRST USE							
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE							
a. NAME													
b. STREET ADDRESS													
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 WEIGHT		21. UNIT	
		Two (2) specially designed research reactor control rods/servo blades (10 CFR 110.8(a)(3)). Total value of control rods to be exported: \$40,000.											
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									
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 Keith E. Asmussen				b. TITLE Manager, Licensing, Safety and Nuclear Compliance					

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August 30, 1989  
IEL-1439

SEP - 6 1989

Mr. Marvin R. Peterson  
Assistant Director for International Security  
Office of Governmental and Public Affairs  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

11004208

Subject: Application for License to Export Research  
Reactor Control Rods to Taiwan

Dear Mr. Peterson:

General Atomics hereby makes application, pursuant to 10 CFR 110, for a license authorizing the export of two (2) research reactor control rods to Taiwan. The control rods will be used in the Tsing Hua Open-Pool Reactor (THOR) at the National Tsing Hua University, Hsin-Chu, Taiwan. Accordingly, a completed NRC Form 7 is enclosed.

If you should have any questions or need additional information, please contact me at (619) 455-2823.

Very truly yours,

*Keith E. Asmussen*

Keith E. Asmussen, Manager  
Licensing, Safety and  
Nuclear Compliance

KEA/mk  
Enclosure

SEP - 6 1989