



December 17, 2008  
IEL-4251

Deputy Director  
Office of International Programs  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

Subject: Request for License Renewal/Extension of Expiration Date

General Atomics (GA) possesses export license number XR166 for the export of a TRIGA<sup>®</sup> research reactor to the Government of Thailand. More specifically, the TRIGA<sup>®</sup> reactor is a light water cooled and moderated, heavy water and beryllium reflected, pool type, low-enriched uranium fueled reactor with a maximum thermal output of 10 Megawatts. The ultimate end user is the Ongkharak Nuclear Research Center of the Ministry of Science, Technology and Environment's Office of Atomic Energy for Peace. There has been only limited progress on this project and much remains to be done. Therefore, GA foresees a need to extend the expiration date of XR166 from 31 December 2008 to 31 December 2018.

Inasmuch as GA did not request this extension at least 30 days before the license expires, GA understands it cannot use the license beyond 12 December 2008 until such time as the Commission acts favorably on this request. Enclosed, please find a check in the amount of \$720.00 to cover the fee associated with this request.

Very truly yours,

*Keith E. Asmussen*

Keith E. Asmussen, Ph.D., Director  
Licensing, Safety & Nuclear Compliance

*XR 166/01*  
*11005024*

Enclosures:

- 1) Completed NRC Form 7 (Renewal request for XR166)
- 2) General Atomics Check to NRC in the Amount of \$720.00

*READ*  
*NM*  
*12-18-08*

<b>NRC FORM 7</b> <small>(8-2007)</small> 10 CFR 110	<b>U.S. NUCLEAR REGULATORY COMMISSION</b>	<b>APPROVED BY OMB: NO. 3150-0027</b> <small>Expires: 06/30/2009</small>	Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submission is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.
<b>APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL</b> <i>(See Instructions on Page 5)</i>			
<b>PART A. FOR NRC USE ONLY</b>	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED <div style="font-size: 1.5em; font-family: cursive;">12-18-08</div>	
LICENSE NUMBER <div style="font-size: 1.5em; font-family: cursive;">XR-166/01</div>	DOCKI NUMBER <div style="font-size: 1.5em; font-family: cursive;">11005024</div>	ADAMS ACCESSION NUMBER	
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS</b> <small>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</small>			
1. NAME AND ADDRESS OF APPLICANT/LICENSEE  <b>General Atomics</b> <b>3550 General Atomics Court</b> <b>San Diego, CA 92121</b>	1a. NAME OF APPLICANT'S CONTACT <div style="text-align: center; font-weight: bold;">Dr. Keith E. Asmussen</div>	1b. APPLICANT'S REFERENCE NUMBER <div style="text-align: center; font-weight: bold;">IEL-4251</div>	
	1c. PHONE NUMBER <div style="text-align: center; font-weight: bold;">(858) 455-2823</div>	1d. FAX NUMBER <div style="text-align: center; font-weight: bold;">(858) 455-2822</div>	
	1e. E-MAIL ADDRESS <div style="text-align: center; font-weight: bold;">keith.asmussen@ga.com</div>		
2. TYPE OF ACTION REQUESTED <i>(Check One)</i> <input type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E) <input checked="" type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: <div style="text-align: center; font-weight: bold; margin-left: 150px;">XR166</div>			
3. CONTRACT NUMBER(S)	4. FIRST SHIPMENT DATE <div style="text-align: center; font-weight: bold;">12/01/2009</div>	5. LAST SHIPMENT DATE <div style="text-align: center; font-weight: bold;">12/31/2018</div>	6. PROPOSED EXPIRATION DATE <div style="text-align: center; font-weight: bold;">12/31/2018</div>
<b>PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS</b> <small>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</small>			
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT  <div style="font-weight: bold;">No change</div>	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)  <div style="font-weight: bold;">No change</div>	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)  <div style="font-weight: bold;">No change</div>	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED  <div style="font-weight: bold;">No change</div>	8a. INTERMEDIATE USE(S)  <div style="font-weight: bold;">No change</div>	9a. ULTIMATE END USE(S)  <div style="font-weight: bold;">No change</div>	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT  <div style="font-weight: bold;">No change</div>	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	10b. MAX ENRICHMENT OR WGT %	10c. MAX ISOTOPE WGT (KG)  <div style="font-size: 1.5em; font-family: cursive; color: blue;">         RECD          12-18-08          nm       </div>
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) <div style="font-weight: bold; text-align: center;">N/A</div>			

**NRC FORM 7**  
(8-2007)  
10 CFR 110

**U.S. NUCLEAR REGULATORY COMMISSION**

**APPLICATION FOR NRC EXPORT/IMPORT  
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <i>✓ 166/01</i>	DOCKET NUMBER <i>11005024</i>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC    OR <input type="checkbox"/> NON-PUBLIC
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**PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT  N/A	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)  N/A	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)  N/A	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END USE(S)	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES  N/A	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) N/A			

**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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**18. CERTIFICATION:** I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL  <b>Keith E. Asmussen, Director Licensing, Safety &amp; Nuclear Compliance</b>	18b. SIGNATURE -- AUTHORIZED OFFICIAL  <i>Keith E. Asmussen</i>	18c. DATE  <b>12/16/2008</b>
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*KEC  
12-18-08*