

NRC FORM 7 (3-2010) 10 CFR 110	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0027	EXPIRES: 08/31/2012
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (See Instructions on Page 5)		Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal 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 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@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.	

PART A. FOR NRC USE ONLY	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED
LICENSE NUMBER XCOM1212	DOCKET NUMBER 11005841	ADAMS ACCESSION NUMBER

PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS
 (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

1. NAME AND ADDRESS OF APPLICANT/LICENSEE General Atomics 3550 General Atomics Court San Diego, CA 92121	1a. NAME OF APPLICANT'S CONTACT Dr. Keith E. Asmussen	1b. APPLICANT'S REFERENCE NUMBER IEL-4409	1c. PHONE NUMBER (858) 455-2823	1d. FAX NUMBER (858) 455-2822
1e. E-MAIL ADDRESS <p style="text-align: center;">keith.asmussen@ga.com</p>				

2. TYPE OF ACTION REQUESTED (Check One)

EXPORT (Parts B, C, E)
 NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E)
 IMPORT (Parts B, D, E)
 COMBINED EXPORT/IMPORT (Parts B, C, D, E)
 AMENDMENT/RENEWAL Existing License Number: _____

3. CONTRACT NUMBER(S) TRP-1029-02/TRP-0929-20	4. FIRST SHIPMENT DATE 07/02/2010	5. LAST SHIPMENT DATE 05/31/2015	6. PROPOSED EXPIRATION DATE 05/31/2015
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PART C. TO BE COMPLETED FOR EXPORT 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.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT General Atomics-Electronic Systems, Inc. (GA-ESI) 4949 Greencraig Lane San Diego, CA 92123	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) O. Chiao at 4th - 2 Floor No. 16, Lane 35, JI HU Road Taipei 114, Taiwan	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) National Tsing Hua University Nuclear Reactor Division Hsinchu, Taiwan R.O.C.
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7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Manufacture and Ship	8a. INTERMEDIATE USE(S) Logistics Support	9a. ULTIMATE END USE(S) see page 3 of 3
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10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT NP-1000 Safety Channel and NMP-1000 Multi Range Power Channel On-Site Installation and Software Modification On-Site Assistance including power calibration Fission Chamber Assembly	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) <p style="text-align: center;">N/A</p>	10b. MAX ENRICHMENT OR WGT % <p style="text-align: center;">N/A</p>	10c. MAX ISOTOPE WGT (KG) <p style="text-align: center;">N/A</p>
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11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)
N/A

Rec'd
JUN 18 2010
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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER XCOM1212	DOCKET NUMBER 11005841	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	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)	
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	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)

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 checked="" type="checkbox"/> YES <input 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 Keith E. Asmussen, Ph.D., Director Licensing, Safety and Nuclear Compliance	18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Keith E. Asmussen</i>	18c. DATE 06/03/2010
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Block 7 from page 1: General Atomics - Electronic Systems, Inc. is supplying the equipment described in Block 10 pursuant to National Tsing Hua University (NTHU) request for proposal numbers: TRP-1029-02 and TRP-0929-20.

Block 9a from page 1: Nuclear instrumentation (i.e., safety channel) upgrade to the National Tsing Hua University TRIGA® research reactor.

Block 10 from page 1: Additional information: General Atomics - Electronic Systems, Inc. (GA-ESI), is replacing NTHU's TRIGA® Reactor's obsolete NM-1000 unit with GA-ESI's newer NMP-1000 Multi-Range Linear Power Channel. This requires a software modification which will occur during installation of the proposed NMP-1000. GA-ESI will also install and calibrate the proposed NP-1000 Safety Channel.

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