

NRC FORM 7
(8-2007)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 08/10/2008

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 submitted 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 infocollections@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOS-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.

APPLICANT NRC REGION	DATE RECEIVED
APPLICANT NAME	DATE RECEIVED
APPLICANT ADDRESS	DATE RECEIVED
APPLICANT PHONE NUMBER	DATE RECEIVED
APPLICANT FAX NUMBER	DATE RECEIVED
APPLICANT E-MAIL ADDRESS	DATE RECEIVED

PART B. TO BE COMPLETED FOR ALL 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.)

1. NAME AND ADDRESS OF APPLICANT/LICENSEE		1a. NAME OF APPLICANT'S CONTACT		1b. APPLICANT'S REFERENCE NUMBER	
EnergySolutions 1580 Bear Creek Rd Oak Ridge, TN 37831		Philip Gianutsos		KEK-004	
		1c. PHONE NUMBER		1d. FAX NUMBER	
		865 220-1478		865 220-1688	
		1e. E-MAIL ADDRESS			
		pgianutsos@energysolutions.com			
2. TYPE OF NRC LICENSE REQUESTED (Check One)					
<input type="checkbox"/> EXPORT (Parts B, C, E)		<input checked="" 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 type="checkbox"/> AMENDMENT/RENEWAL Existing License Number:	
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE		5. LAST SHIPMENT DATE	
DRTK-001		August 1, 2008		August 10, 2008	
6. PROPOSED EXPIRATION DATE					
not applicable					

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.)

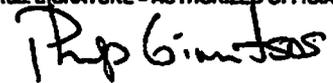
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)	
Cargo Group, LLC 6232 Highway 21 Port Wentworth, GA 32407		none		KEK - High Energy Accelerator Research Organization 1-1 Oo Tsukuba, Ibaraki 305-0801 Japan	
7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED		8a. INTERMEDIATE USE(S)		9a. ULTIMATE END USE(S)	
Shield blocks will be palletized and containers loaded at a warehouse operated by Cargo Group, LLC, in Savannah, prior to being loaded onto the ocean-going vessels.		none		Shielding of high energy accelerator components at the KEK facility. Shielding will become activated from neutron irradiation; final disposition will be in accordance with Japanese regulations.	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT		10a. MAX TOTAL VOLUME/ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)		10b. MAX ENRICHMENT OR WGT %	
Up to 231,000 kgs of steel shield blocks (24 @ nominally 9600 kg, each), containing incidental quantities of byproduct material in the form of oxides distributed throughout the steel matrix. These materials are a shielding product with radioactivity concentrations at a very small fraction of the 10 CFR 61.55-defined Class A limit. In addition, the blocks meet the exemption specifications of IAEA Safety Series 115.		Nominal activity of 3.31 GBq, primarily ⁶⁰ Co, ⁶³ Ni, and ⁵⁹ Fe with traces of other fission and activation products.		n/a - the blocks contain no detectable uranium.	
				10c. MAX ISOTOPE WGT (KG)	
				n/a - the blocks contain no detectable uranium.	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)					
none					

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

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

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

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? See cover letter <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
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 Philip Gianutsos Radiation Safety Officer	18b. SIGNATURE - AUTHORIZED OFFICIAL 	18c. DATE July 25, 2008