

NRC FORM 7 (8-2007) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: 06/30/2009	
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 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.			
				PART A. FOR NRC USE ONLY		<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	
LICENSE NUMBER		DOCKET NUMBER		ADAMS ACCESSION NUMBER			
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS</b> (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 EnergySolutions 1560 Bear Creek Rd Oak Ridge, TN 37831			1a. NAME OF APPLICANT'S CONTACT Philip Gianutsos		1b. APPLICANT'S REFERENCE NUMBER ---N/A---		
			1c. PHONE NUMBER 865 220-1478		1d. FAX NUMBER 865 220-1668		
			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) ---N/A---		4. FIRST SHIPMENT DATE 04-09-10		5. LAST SHIPMENT DATE 04-16-10		6. PROPOSED EXPIRATION DATE ---N/A---	
<b>PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS</b> (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  EnergySolutions 1560 Bear Creek Rd Oak Ridge, TN 37831			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)  ---NONE---			9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)  GNS Gesellschaft fur Nuklear-Service mbH im Forschungszentrum Julich Wilhelm-Johnen-StraBe 1 54228 Jullich, Germany Contact: Holger Sorge Ph: 49 2461-61 - 2477	
7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED  Return of empty cargo containers, bindings, straps, friction mats and shielding with incidental radioactivity.			8a. INTERMEDIATE USE(S)  ---NONE---			9a. ULTIMATE END USE(S)  The equipment is being returned to GNS, the equipment owner.	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT  SEE PAGE 3				10a. MAX TOTAL VOLUME/ ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  Total for all containers:  Approx 2.79E-05 TBq (7.50E-04 Ci) of byproduct material.  No Source Material  No SNM		10b. MAX ENRICHMENT OR WGT %  No enriched U	10c. MAX ISOTOPE WGT (KG)  No SNM
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)  -----NONE-----							

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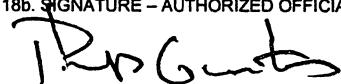
LICENSE NUMBER	DOCKET NUMBER	ADAMS ACCESSION NUMBER	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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**PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete 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)  -----N/A-----	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)  -----N/A-----	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)  -----N/A-----
	13b. INTERMEDIATE USE(S)  -----N/A-----	14b. INTERMEDIATE USE(S)  -----N/A-----
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES  -----N/A-----	15a. MAX TOTAL VOLUME/ ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  -----N/A-----	15b. MAX ENRICHMENT OR WGT %  -----N/A-----
		15c. MAX ISOTOPE WGT (KG)  -----N/A-----

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 PAGE 3 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	
<b>18. CERTIFICATION:</b> 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, CHP Radiation Safety Officer	18b. SIGNATURE - AUTHORIZED OFFICIAL  	18c. DATE  04/01/2010

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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

For blocks 10, 10a-10c:

Material used to properly secure and shield shipments to EnergySolutions Bear Creek Facility from Germany under the conditions of a General License are being returned. The equipment is packaged in eight (8) 55-gallon drums secured inside a 20' IP-2 cargo container. The weight of the 8 drums and contents is 2,000 kgs (4,415 lbs).

In addition, eight (8) 8' X 8' X 20' empty cargo containers will be shipped to the consignee. The 8' X 8' X 20' cargo containers weigh approximately 5500 kgs (12,000 lbs).

The equipment and cargo containers contain incidental surface contamination consisting of Ag-110m, Co-60, Cr-51, Cs-134, Cs-137, Fe-55, Mn-54, Ni-63, and Zn-65 in the form of solid metal oxides. See below for quantities of Appendix L materials. Appendix P radionuclides are present at an activity << 0.1% of the Category 2 limit (calculation is also presented below).

All packages will be fully communicated in accordance with USDOT and IMDG regulations.

Nuclide	8 Drums		8 20' Cargo Containers	
	MBq	mCi	MBq	mCi
Co-60	1.16E+00	3.13E-02	6.39E+00	1.73E-01
Fe-55	1.10E+00	2.96E-02	6.04E+00	1.63E-01
Mn-54	8.11E-01	2.19E-02	4.47E+00	1.21E-01
Cs-137	6.58E-01	1.78E-02	3.63E+00	9.81E-02
Ni-63	2.13E-01	5.76E-03	1.18E+00	3.18E-02
Cs-134	1.25E-01	3.38E-03	6.90E-01	1.86E-02
Zn-65	9.66E-02	2.61E-03	5.33E-01	1.44E-02
Ag-110m	6.90E-02	1.87E-03	3.81E-01	1.03E-02
Cr-51	5.31E-02	1.44E-03	2.93E-01	7.92E-03
<b>Total</b>	<b>4.28E+00</b>	<b>1.16E-01</b>	<b>2.36E+01</b>	<b>6.38E-01</b>

Nuclide	MBq	App P, Cat 2 Limit MBq	Fraction
			of Limit
Co-60	7.55E+00	3.00E+05	2.52E-05
Cs-137	4.29E+00	1.00E+06	4.29E-06
Sum of Fractions			2.94E-05



**ENERGYSOLUTIONS**

Commercial Processing Division 1560 Bear Creek Road Oak Ridge, TN 37831 865 481-0222

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April 1, 2010

Mr. Scott Moore  
Deputy Director - Office of International Programs  
US Nuclear Regulatory Commission  
Mail Stop 4E21  
Washington, DC 20555

Dear Mr. Moore:

In accordance with instructions in 10 CFR 110.4 we are providing the attached NRC Form 7 as notification of EnergySolutions' intent to export eight (8) empty packages and one package containing load-securement equipment to GNS Gesellschaft für Nuklear-Service in Germany.

These packages were originally imported under the General License provisions of 10CFR110.27. The packages contained metal with incidental radioactive material destined for recycling for beneficial re-use within the nuclear industry. The packages are being exported to the owner under the General License for Export provisions of 10 CFR 110.23(c) for By-Product Material.

Contact me if additional information or clarification is required.

Respectfully,



Philip Gianutsos, CHP  
Radiation Safety Officer  
Commercial Processing Division

Attachments:  
NRC Form 7