

NRC FORM 7 (8-2010) 10 CFR 110	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0027	EXPIRES: 08/31/2012
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, OR RENEWAL (See Instructions on Pages 4 and 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 AUG 18 2011	
LICENSE NUMBER IW017/02	DOCKET NUMBER 11005621	ADAMS ACCESSION NUMBER	
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 EnergySolutions 1560 Bear Creek Rd Oak Ridge, TN 37831	1a. NAME OF APPLICANT'S CONTACT Philip Gianutsos 1c. PHONE NUMBER 865 220-1478 1e. E-MAIL ADDRESS pgianutsos@energysolutions.com	1b. APPLICANT'S REFERENCE NUMBER ---N/A--- 1d. FAX NUMBER 865 220-1668	
2. TYPE OF NRC LICENSE REQUESTED (Check One)			
<input type="checkbox"/> EXPORT (Parts B, C, E)		<input type="checkbox"/> IMPORT (Parts B, D, E)	
<input checked="" type="checkbox"/> AMENDMENT/RENEWAL IW017			
3. CONTRACT NUMBER(S)	4. FIRST SHIPMENT DATE 10/1/2011	5. LAST SHIPMENT DATE 6/30/2017	6. PROPOSED EXPIRATION DATE 6/30/2017
PART C. TO BE COMPLETED FOR EXPORT 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 N/A	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) N/A	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) N/A	
7a. LIST FUNCTIONS PERFORMED/SERVICE(S) PROVIDED N/A	8a. INTERMEDIATE USE(S) N/A	9a. ULTIMATE END USE(S) N/A	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT N/A	10a. MAX TOTAL VOLUME/ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) N/A	10b. MAX ENRICHMENT OR WGT % N/A	10c. MAX ISOTOPE WGT (KG) N/A
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)			
N/A			

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AUG 18 2011

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

LICENSE NUMBER <i>EW 017/02</i>	DOCKET NUMBER <i>11005621</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 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 No Changes	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S) No Changes	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S) No Changes
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable) No Changes	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S) No Changes	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S) No Changes
	13b. INTERMEDIATE USE(S) No Changes	14b. INTERMEDIATE USE(S) No Changes
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES See Page 3	15a. MAX TOTAL VOLUME/ ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) See Page 3	15b. MAX ENRICHMENT OR WGT % No Changes
		15c. MAX ISOTOPE WGT (KG) No Changes

16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)
No Changes

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 Philip Gianutsos, CHP Radiation Safety Officer	18b. SIGNATURE - AUTHORIZED OFFICIAL <i>Philip Gianutsos</i>	18c. DATE August 17, 2011
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AUG 18 2011
JC

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

LICENSE NUMBER <i>IWO17/02</i>	DOCKET NUMBER <i>11005621</i>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Item 15 Description of Radioactive Material, Sealed Sources, and Nuclear Facilities

No increase in total mass of 6000 tons of material is being requested.

The addition of two new ports of entry is being requested. The first additional port of entry is at Calais, Maine where the expected route will continue primarily by interstate highway to TN route 95 or 58 to Bear Creek Road. The second additional port of entry requested is at Pembina, North Dakota where again the expected route will continue primarily by interstate highway to TN route 95 or 58 to Bear Creek Road.

Item 15a Max Total Volume/Element Wt (KG), OR Total Activity (TBq)

EnergySolutions is requesting a reappportionment and overall reduction of approximately 3.15 TBq (85 Curies) in activity authorized for import to our processing facility. EnergySolutions will verify full compliance with the possession limits of our domestic radioactive materials licenses prior to approving individual shipments for import. The activity levels in the following table match an equivalent table in our parallel export application request.

The revised totals by isotope are as follows, to be applied over the full term of the license.

Radionuclide	Current Limit		Proposed maximum		Net Change	
	TBq	(Ci)	TBq	(Ci)	TBq	(Ci)
H-3	14.8	(400)	37.0	(1000)	+22.2	(+600)
C-14	7.40	(200)	5.55	(150)	-1.85	(-50)
Am-241	9.25	(250)	0.555	(15)	-8.70	(-235)
Fe-55	37.0	(1000)	22.2	(600)	-14.8	(-400)

All individual packages and conveyances to be imported will contain less than a Category 2 quantity of radioactive material, as defined in Appendix P to 10 CFR 110.

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IW017/02

August 17, 2011

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

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JC

Subject: Application for Amendment to Import License IW017

Dear Mr. Moore:

Duratek Services, Inc (a subsidiary of EnergySolutions) requests an amendment to Import License IW017 as follows:

- Add two additional ports of entry at Calais, Maine and Pembina, North Dakota, and
- Reapportion and reduce the total activity authorized for import. The requested changes will reduce the total activity authorization by 3.15 TBq (85 curies).

The requested changes are the result of increased demand for waste processing along with more specific source term data. As noted in the attached Form 7, receipt of materials will be consistent with the possession authorization of our domestic (Tennessee) radioactive materials licenses, and individual packages and conveyances will not constitute Category 1 or 2 quantities, as defined in Appendix P to Part 110.

A check in the amount of \$9900 (check latest fee schedule) for the requested amendment is enclosed.

If you have any questions or need additional information, please do not hesitate to call me at 865-220-1478.

Respectfully submitted,

Philip Gianutsos, CHP
Radiation Safety Officer
Duratek Services, Inc.

Attachment:

Form 7 Application for Export or Import License, Amendment, or Renewal