

NRC FORM 7  
(02-2016)  
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 11/30/2018

**APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, RENEWAL,  
OR CONSENT REQUEST(S)**  
(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 FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to [Infocollections.Resource@nrc.gov](mailto:Infocollections.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (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>PART A. FOR NRC USE ONLY</b>	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED
LICENSE NUMBER <b>XS NM 3789</b>	DOCKET NUMBER <b>11006286</b>	ADAMS ACCESSION NUMBER

**PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS**  
(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  Louisiana Energy Services, LLC 275 Highway 176 Eunice, NM 88231	1a. NAME OF APPLICANT'S CONTACT Ricardo Medina	1b. APPLICANT'S REFERENCE NUMBER KHNP-1	
	1c. PHONE NUMBER (505) 394-5846	1d. FAX NUMBER	
	1e. E-MAIL ADDRESS Ricardo.Medina@urenco.com		
	2. TYPE OF ACTION REQUESTED (Check One)  <input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL (Parts B, D, E) <input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:		
3. CONTRACT NUMBER(S) N/A	4. FIRST SHIPMENT DATE 01/01/2019	5. LAST SHIPMENT DATE 11/25/2040	6. PROPOSED EXPIRATION DATE 11/25/2040

**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  Louisiana Energy Services, LLC 275 Highway 176 Eunice, NM 88231	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)  KEPCO Nuclear Fuel Company 242,989 Beon-gil Daedeokdaero Yuseong-gu Daejeon 305-353 Korea	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)  All licensed PWR Nuclear Power Plants in the ROK. (See Additional Information).
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Supplier	8a. INTERMEDIATE USE(S) Conversion and Fabrication	9a. ULTIMATE END USE(S) Nuclear Fuel
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT  Uranium hexafluoride, enriched to 5% U-235 not to exceed a total of 64,241,765 SWU and 8,262,325 KGs of enriched uranium.	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  8,262,325 KGs of enriched uranium	10b. MAX ENRICHMENT OR WGT % 5% - U235
		10c. MAX ISOTOPE WGT (KG) 413,116 KGs - U-235
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) Australia, Canada, EURATOM, UK		

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

LICENSE NUMBER <b>XS/NM3788</b>	DOCKET NUMBER <b>11006286</b>	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	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. 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, RENEWALS OR CONSENT REQUEST(S)**

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
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>Stephen Cowne, Chief Nuclear Officer and Compliance Manager</b>	18b. SIGNATURE -- AUTHORIZED OFFICIAL 
18c. DATE <b>12/21/17</b>	

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U. S. NUCLEAR REGULATORY COMMISSION

# APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)

LICENSE NUMBER <u>XS NM 3789</u>	DOCKET NUMBER <u>11006286</u>	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)

Block 9:

All licensed PWR Nuclear Power Plants in the ROK: ㄸ

Kori 2, Kori 3, Kori 4, Shin Kori 1, Shin Kori 2, Shin Kori 3, Shin Kori 4, Shin Kori 5, Shin Kori 6 (Gori, Jangan-eup, Gijang-gun, Busan, South Korea)

Hanbit 1, Hanbit 2, Hanbit 3, Hanbit 4, Hanbit 5, Hanbit 6 (Yeonggwang-gun, South Jeolla Province, South Korea)

Hanul 1, Hanul 2, Hanul 3, Hanul 4, Hanul 5, Hanul 6, Shin-Hanul 1, Shin-Hanul 2, Shin-Hanul 3, Shin-Hanul 4 (Bugu-ri, Buk-myeon, Uljin-gun, North Gyeongsang Province, South Korea)

Shin-Wolsong 1, Shin-Wolsong 2, (Gyeongju, North Gyeongsang Province, South Korea)

Cheonji 1, Cheonji 2 (Yeongdeok, North Gyeongsang Province, South Korea)

Blocks 10a, 10b, 10c

Year	SWU	KGs enriched UF6	KGs U-235
2018	2,215,282	284,914	14,246
2019	3,406,219	438,084	21,904
2020	3,462,530	445,326	22,266
2021	3,078,798	395,973	19,799
2022	3,339,593	429,515	21,476
2023	3,676,622	472,861	23,643
2024	3,351,457	431,041	21,552
2025	3,339,319	429,480	21,474
2026	3,535,996	454,775	22,739
2027	2,958,629	380,518	19,026
2028	2,413,311	310,383	15,519
2029	3,143,168	404,252	20,213
2030	2,958,629	380,518	19,026
2031	2,216,897	285,122	14,256
2032	2,750,340	353,729	17,686
2033	2,762,215	355,257	17,763
2034	2,216,897	285,122	14,256
2035	2,564,609	329,842	16,492
2036	2,567,484	331,369	16,568
2037	1,845,435	237,347	11,867
2038	2,378,878	305,955	15,298
2039	2,390,753	307,482	15,374
2040	1,659,704	213,459	10,673



December 21, 2017

Attn: Document Control Desk  
David Skeen, Deputy Director  
Office of International Programs  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, Maryland 20852

Louisiana Energy Services, LLC  
NRC Docket No. 70-3103

Subject: UUSA Application for NRC Export License

Dear Mr. Skeen,

Pursuant to 10 CFR 110.31(a), Louisiana Energy Services, LLC (dba URENCO USA (UUSA)) herewith applies for a specific license to export Special Nuclear Material to the Republic of Korea (South Korea). The attached Export License application is in support of supplying uranium, enriched to 5% U-235 as nuclear fuel for various civil nuclear power stations in the Republic of Korea. The KEPCO Nuclear Fuel Company will be the intermediate foreign consignee. UUSA understands that the NRC may wish to meet with us on a routine basis associated with the supply of nuclear fuel under this license. We are prepared to accommodate that request. Additionally, we are prepared to accommodate any requests for written annual reporting on shipments of nuclear fuel made during the year and for information on planned shipments. In accordance with 10 CFR 110.31(b) and (e), this application is being filed on NRC Form 7 which incorporates the information required by 10 CFR 110.32.

Enclosure 1 contains the completed NRC Form 7. Also, in compliance with 10 CFR 110.31(c), this application is accompanied by the \$18,400.00 fee (Enclosure 2) specified under Category 15.A of 10 CFR 170.31 for applications on export of nuclear material requiring the Commission and Executive Branch review.

Should there be any questions concerning this submittal, please contact Wyatt Padgett, UUSA Licensing and Performance Assessment Manager, at (575) 394-5257.

Respectfully,

A handwritten signature in blue ink, appearing to read "Stephen Cowne", is written over a light blue circular background.

Stephen Cowne  
Chief Nuclear Officer and Compliance Manager

Enclosures:

1. NRC Form 7, Application for NRC Export or Import License, Amendment, Renewal, or Consent Request
2. NRC Form 629, Authorization for Payment by Credit Card

CC: w/ enclosures

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