

JAN 07 2015

LES-15-00001-NRC

Nuclear Materials Licensing Branch  
U.S. Nuclear Regulatory Commission, Region IV  
1600 E. Lamar Boulevard  
Arlington, TX 76011-4511

Louisiana Energy Services, LLC  
NRC Docket Number: 70-3103

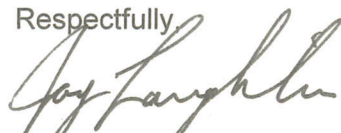
Subject: NRC Form 313 for Supplement to License Amendment Request for  
Capacity Expansion of URENCO USA Facility (LAR-12-10)

References: 1. LES-14-00058-NRC, Supplement to License Amendment Request for  
Capacity Expansion of URENCO USA Facility (LAR-12-10), Dated  
May 19, 2014

Pursuant to 10 CFR 30.32, Louisiana Energy Services (LES), d.b.a. URENCO USA is  
submitting the required NRC Form 313 for the possession limit changes requested in  
reference 1. These changes to Materials License SNM-2010 are detailed and justified in  
reference 1.

Should there be any questions, please contact Amy Johnson, UUSA Licensing and  
Performance Assessment Manager, at 575.394.6203.

Respectfully,

A handwritten signature in black ink, appearing to read "Jay Laughlin".

Jay Laughlin  
Chief Nuclear Officer and Head of Operations

Enclosures: 1. NRC Form 313 (with one attachment page)

cc:

Mike G. Raddatz, Project Manager  
U.S. Nuclear Regulatory Commission  
Three White Flint North  
Mailstop: 13A12M  
Washington, DC 20555-0001

Brian W. Smith  
Chief, Uranium Enrichment Branch  
U.S. Nuclear Regulatory Commission  
Three White Flint North  
Mailstop: 13A12M  
Washington, DC 20555-0001

**ENCLOSURE 1**  
**NRC Form 313**

NRC FORM 313  
(03-2014)  
10 CFR 30, 32, 33, 34  
35, 36, 37, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 05/31/2015



APPLICATION FOR MATERIALS  
LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. 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 internet e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), 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.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW. \*AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND  
ENVIRONMENTAL MANAGEMENT PROGRAMS  
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA,  
KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY,  
NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH  
CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,

SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM  
DIVISION OF NUCLEAR MATERIALS SAFETY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN,  
SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,  
LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH  
DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS,  
UTAH, WASHINGTON, OR WYOMING,

SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
1600 E. LAMAR BOULEVARD  
ARLINGTON, TX 76011-4511

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

☐

A. NEW LICENSE

☒

B. AMENDMENT TO LICENSE NUMBER

SNM-2010

☐

C. RENEWAL OF LICENSE NUMBER

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Louisiana Energy Services (LES)  
P.O. Box 1789  
Eunice, New Mexico 88231

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

275 Highway 176  
Eunice, New Mexico 88231

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Amy Johnson, Licensing and Performance Assessment Manager

BUSINESS TELEPHONE NUMBER

(575) 394-6203

BUSINESS CELLULAR TELEPHONE NUMBER

(505) 975-2372

BUSINESS EMAIL ADDRESS

Amy.Johnson@urenc.com

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (Fees required only for new applications, with few exceptions\*)  
(See 10 CFR 170 and Section 170.31)

FEE CATEGORY

N/A

AMOUNT  
ENCLOSED \$

0.00

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

Jay Laughlin, LES, Chief Nuclear Officer and Head of Operations

SIGNATURE

DATE

1-6-15

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

Attachment to NRC Form 313  
Completed by UUSA in support of LAR-12-10  
Materials License SNM-2010

The proposed change is to revise the Material License for UUSA to change Materials License condition 8a from "136,120,000 kg" to "251,000,000 kg."

- 5. a. Element and Mass Number: Uranium (natural and depleted ) and daughter products
- b. Chemical and/or Physical form:  
Chemical:  $UF_6$ ,  $UF_4$ ,  $UO_2F_2$ , oxides, metal, and other compounds  
Physical: Solid, Liquid, and Gas
- c. Amount which will be possessed at any one time: 251,000,000 kg

The proposed change is to revise the Material License for UUSA to change Materials License condition 8b from "545,000 kg" to "2,180,000 kg."

- 5. a. Element and Mass Number: Uranium enriched in isotope U-235 up to 5.5 percent by weight and daughters, subject to the following constraints:

UUSA shall not produce product material in excess of 5.5 wt. % U-235 in the course of cascade performance adjustments, thus provided the operational flexibility to generate material to satisfactorily fulfill customer orders up to the 5.0 wt. % U-235 limit. UUSA shall not input parameters into the plant control system to produce material for the assay above the 5.0 wt. % limit.

- b. Chemical and/or Physical form:  
Chemical:  $UF_6$ ,  $UF_4$ ,  $UO_2F_2$ , oxides, metal, and other compounds  
Physical: Solid, Liquid, and Gas
- c. Amount which will be possessed at any one time: 2,180,000 kg

- 6. No change from existing license.
- 7. No change from existing license.
- 8. No change from existing license.
- 9. No change from existing license.
- 10. No change from existing license.
- 11. No change from existing license.