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,

[Signature]

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
APPLICATION FOR MATERIALS LICENSE

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
2440 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
   C. RENEWAL OF LICENSE NUMBER
   SNM-2010

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
   (575) 394-6203
   (505) 975-2372
   Eunice, New Mexico 88231

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, 38, 37, 38, 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 52 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 – TYPE/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

NRC FORM 313 (03-2014)
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: UF₆, UF₄, UO₂F₂, 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: UF₆, UF₄, UO₂F₂, 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.