



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

June 12, 2015

Gary J. Laughlin, Chief Nuclear Officer  
and Head of Operations  
URENCO USA  
P.O. Box 1789  
Eunice, NM 88231

SUBJECT: LOUISIANA ENERGY SERVICES, L.L.C., URENCO USA FACILITY, DOCKET  
NUMBER 70-3103, AUTOCLAVES 4 AND 5 AUTHORIZATION

Dear Mr. Laughlin:

By this letter and verbal authorization provided on June 12, 2015, the U.S. Nuclear Regulatory Commission (NRC) authorizes for use Autoclaves 4 and 5, located in Separations Building Module (SBM) 1003 at the Louisiana Energy Services (LES), URENCO USA Facility located in Eunice, New Mexico. This authorization is pursuant to the provisions of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 70, Paragraph 70.32(k) and 10 CFR 40.41(g) which state, "No person may commence operation of a uranium enrichment facility until the Commission verifies through inspection that the facility has been constructed in accordance with the requirements of the license."

This NRC authorization is based on the results of construction and operational readiness inspections of various aspects of Autoclaves 4 and 5. The description of the inspections will be documented in inspection report 70-3103/2015-003, which will be issued no later than July 31, 2015. During the construction and operational readiness inspections of Autoclaves 4 and 5, no significant violations of NRC requirements were identified. The NRC staff determined that the systems, structures, and components designed to support safe operation of Autoclaves 4 and 5 were constructed in accordance with the requirements of your license. Specifically, our inspections provided: (1) reasonable assurance that the design, construction, and implementation of items relied on for safety (IROFS) will protect against natural phenomena and the consequences of potential accidents, and (2) verification that the construction and testing of IROFS were completed in accordance with the documents comprising the license and the Integrated Safety Analysis.

By July 31, 2015, the publicly available inspection report that describes the construction and operational readiness inspections of Autoclaves 4 and 5 will be accessible through the NRC's Public Document Room, or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS) at <http://www.nrc.gov/reading-rm/adams.htm>.

Please note that this authorization does not apply to any system other than Autoclaves 4 and 5. In addition, this authorization does not apply to any other facility operations not previously authorized. In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," this document may be accessed through ADAMS on the internet at [www.nrc.gov/reading-rm/adams.htm](http://www.nrc.gov/reading-rm/adams.htm).

Should you have any questions concerning this letter, please contact Mr. Marvin D. Sykes at 404-997-4629.

Sincerely,

**/RA/ Mark S. Lesser**

Mark S. Lesser, Director  
Division of Fuel Facility Inspection

Docket No. 70-3103  
License No. SNM-2010

cc: (See page 3)

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Should you have any questions concerning this letter, please contact Mr. Marvin D. Sykes at 404-997-4629.

Sincerely,

**/RA Mark S. Lesser/**

Mark S. Lesser, Director  
Division of Fuel Facility Inspection

Docket No. 70-3103  
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cc: (See page 3)

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ADAMS: ☒ Yes      ACCESSION NUMBER: ML 15163A211      ☒ SUNSI REVIEW COMPLETE ☒ FORM 665 ATTACHED

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DATE	6/12/2015	6/12/2015	6/12/2015	6/12/2015			
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