

April 30, 2015

Ms. Amy Johnson  
Licensing and Performance  
Assessment Manager  
Louisiana Energy Services, LLC  
P.O. Box 1789  
Eunice, NM 88231

SUBJECT: APPROVAL OF LICENSE AMENDMENT 64 FOR NEW INFORMATION  
SYSTEM SECURITY PLAN (LAR 15-01) REGARDING URENCO USA  
FACILITY, LOUISIANA ENERGY SERVICES, LLC (TECHNICAL ASSIGNMENT  
CONTROL NO. L34308)

Dear Ms. Johnson:

By letter dated February 12, 2015 (LES-15-00030-NRC), Louisiana Energy Services, LLC (LES) submitted a license amendment request (Agencywide Document Access and Management System [ADAMS] Accession No. ML15050A523) to the U.S. Nuclear Regulatory Commission (NRC) for review and approval of the following six Information System Security Plans (ISSPs) for its URENCO USA (UUSA) facility:

1. UUSA-CPM-ISSP, Classified Plant Management System Information System Security Plan;
2. UUSA-P2P-ISSP, Encrypted Point to Point Data Exchange Information System Security Plan;
3. UUSA-PCS-ISSP, Plant Control System Information System Security Plan;
4. UUSA-CMS and MFD-ISSP, Centrifuge Monitoring System and Medium Frequency Drive System Information System Security Plan;
5. UUSA-PCTS-ETS-ISSP, Plant Control Training System and Enhanced Training System Information System Security Plan; and
6. UUSA Information System Security Baseline Common Control Catalog.

LES stated that the above six new ISSPs would replace existing licensing basis documents listed in its materials license SNM-2010, License Condition 10. In addition, LES indicated in an e-mail to NRC on February 20, 2015 (ADAMS Accession No. ML15051A436) that the above list completes milestone #5 for submitting ISSPs to support accreditation of the networks, as stated in LES' letter dated December 5, 2014 (LES-14-00129-NRC) (ADAMS Accession No. ML14343A038, Non-Publicly Available).

By letter dated March 17, 2015 (ADAMS Accession No. ML15075A378, Non-Publicly Available), the NRC staff, in coordination with the U.S. Department of Energy (DOE) Nuclear Energy Oak Ridge Site Office (NE-ORSO), acting as the Authorizing Official (AO) for LES' classified

computer networks, provided interim approval to LES of the aforementioned ISSPs subject to resolution of the comments as provided in the enclosure to that letter. By letter dated April 14, 2015 (LES-15-00071-NRC) (ADAMS Accession No. ML15107A138), LES provided revised submittals to the aforementioned ISSPs following the NRC site visit made on April 7, 2015. Since then, the NRC staff, in coordination with subject matter experts of DOE NE-ORSO, has completed the review of these ISSPs and associated subsequent revisions and found them acceptable. In particular, by letter dated April 28, 2015 (ADAMS Accession No. ML15118A914, Non-Publicly Available), DOE NE-ORSO transmitted its approval of the aforementioned ISSPs. In addition, DOE NE-ORSO provided its concurrence of the following documents: "Plan of Actions and Milestones for Classified Systems, Revision 0," and "Risk Assessment Report for Classified Systems, Revision 0." Therefore, LAR-15-01 is approved, and Amendment 64 is being issued to license SNM-2010.

As a result of the amendment approval, License Condition 10 in LES materials license SNM-2010 has been modified as follows:

- 10j. Deleted per Amendment 64.
- 10o. Deleted per Amendment 64.
- 10p. Deleted per Amendment 64.
- 10s. Deleted per Amendment 64.
- 10t. Deleted per Amendment 64.
- 10u. Deleted per Amendment 64.
- 10v. Deleted per Amendment 64.
- 10w. Deleted per Amendment 64.
- 10y. The licensee is granted a waiver to the U.S. Department of Energy (DOE) National Security System Manual, paragraph EN-10 of DOE M 205.1-4, for external labeling of junction boxes for LES ISSP 1.0. The conditions to which this waiver applies are covered under the Standard Practice Procedure Plan (SPPP) for Protection of Classified Matter.
- 10z. UUSA-CPM-ISSP, Classified Plant Management System Information System Security Plan, Revision 1, dated April 14, 2015.
- 10aa. UUSA-P2P-ISSP, Encrypted Point to Point Data Exchange Information System Security Plan, Revision 1, dated April 14, 2015, subject to revision to integrity setting for the Point to Point Data Exchange from Secure Hash Algorithm (SHA) -1 to, at least, SHA-256 setting as required by the Committee on National Security Systems (CNSS) Policy Number 15, "National Information Assurance Policy on the Use of Public Standards for the Secure Sharing of Information Among National Security Systems," dated October 1, 2012. This revision must be made no later than October 1, 2015, with a letter of confirmation submitted to the NRC upon completion.
- 10ab. UUSA-PCS-ISSP, Plant Control System Information System Security Plan, Revision 1, dated April 14, 2015.
- 10ac. UUSA-CMS and MFD-ISSP, Centrifuge Monitoring System and Medium Frequency Drive System Information System Security Plan, Revision 1, dated April 14, 2015.
- 10ad. UUSA-PCTS-ETS-ISSP, Plant Control Training System and Enhanced Training System Information System Security Plan, Revision 1, dated April 14, 2015.

10ae. UUSA Information System Security Baseline Common Control Catalog,  
Revision 1, dated April 14, 2015.

Enclosed is Amendment 64 to SNM-2010 reflecting the revisions approved under this request.

Based on the NRC staff review, as supported by DOE NE-ORSO, LES is hereby authorized to operate the classified cyber network system boundaries established in these documents for the processing up to, and including, Confidential Restricted Data. This Authority to Operate (ATO) will expire April 28, 2018. To maintain this ATO, a quarterly report on the status of actions identified in your "Plan of Actions and Milestones for Classified Systems" must be provided to the NRC for review and verification until completions of all actions, and the continuous monitoring report must be submitted to the NRC at least on an annual basis.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter and the enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions, please contact Ms. Tilda Liu at (404) 997-4730, or via e-mail to [Tilda.Liu@nrc.gov](mailto:Tilda.Liu@nrc.gov).

Sincerely,

**/RA/**

Brian W. Smith, Chief  
Enrichment and Conversion Branch  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

Enclosure:  
Amendment 64 to LES Materials  
License SNM-2010

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

cc: Timothy Knowles, LES/UUSA  
Jay Laughlin, LES/UUSA

10ae. UUSA Information System Security Baseline Common Control Catalog,  
Revision 1, dated April 14, 2015.

Enclosed is Amendment 64 to SNM-2010 reflecting the revisions approved under this request.

Based on the NRC staff review, as supported by DOE NE-ORSO, LES is hereby authorized to operate the classified cyber network system boundaries established in these documents for the processing up to, and including, Confidential Restricted Data. This Authority to Operate (ATO) will expire April 28, 2018. To maintain this ATO, a quarterly report on the status of actions identified in your "Plan of Actions and Milestones for Classified Systems" must be provided to the NRC for review and verification until completions of all actions, and the continuous monitoring report must be submitted to the NRC at least on an annual basis.

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If you have any questions, please contact Ms. Tilda Liu at (404) 997-4730, or via e-mail to [Tilda.Liu@nrc.gov](mailto:Tilda.Liu@nrc.gov).

Sincerely,  
**/RA/**

Brian W. Smith, Chief  
Enrichment and Conversion Branch  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

Enclosure:  
Amendment 64 to LES Materials  
License SNM-2010

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

cc: Timothy Knowles, LES/UUSA  
Jay Laughlin, LES/UUSA

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**ADAMS Accession No.: ML15118A209      Package No.: ML15118A260**

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