

FEB 06 2019

ATTN: Document Control Desk  
Director, Division of Security Operations  
Office of Nuclear Security and Incident Response  
U.S Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

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

Subject: Response to LAR 18-04 RAI Addition of MCNP6

Reference: 1) LES-18-089-NRC, LAR 18-04 Addition of MCNP6 for Nuclear Criticality Safety Analysis ([ADAMS] Accession Number ML 18262A215)  
2) IN-19-005-NRC, Request for Additional Information – License Amendment Request 18-04 Addition of MCNP6 for Nuclear Criticality Safety Analysis (Enterprise Project Identifier: L-2018-LLA-0270) ([ADAMS] Accession Number ML 18353A957)


In Reference 1, Louisiana Energy Services (LES), dba URENCO USA (UUSA), proposed a License Amendment Request (LAR) to implement MCNP6 as an additional computer code for criticality applications at UUSA. In Reference 2, the U.S. Nuclear Regulatory Commission (NRC) responded with a request for additional information (RAI).

Enclosure 1 contains answers to the questions in Reference 2. Enclosures 2 and 3 include changes made as a result of the RAI. Enclosures 2 and 3 are intended to replace the UUSA Safety Analysis Report and URENCO USA (UUSA) MCNP6 Verification originally submitted to the NRC in Reference 1.

UUSA considers the information provided in Enclosures 1, 2, and 3 proprietary and requests that the information be withheld from public disclosure in accordance with 10 CFR 2.390(a)(4). Enclosure 4 affidavit supports this withholding request.

Should there be any questions concerning this submittal, please contact Rick Medina, Acting Licensing and Performance Assessment Manager, at 575.394.5846.

Respectfully,



Stephen Cowne  
Chief Nuclear Officer and Compliance Manager

NSIRD8  
NSIR  
NMSS

LES-19-014-NRC

Enclosures: 1) Response to RAI for LAR 18-04, Addition of MCNP6  
2) UUSA Safety Analysis Report Markup Pages  
3) URENCO USA (UUSA) MCNP6 Verification, NCS-REP-003-01  
4) Affidavit

CC:

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**ENCLOSURE 4**  
**Affidavit**

I, Stephen Cowne, being duly sworn, state that I am the Chief Nuclear Officer and Compliance Manager for Louisiana Energy Services (LES), dba URENCO USA (UUSA); that I am authorized on the part of said company to sign and file with the Nuclear Regulatory Commission ("NRC") this document; and that all statements made and matters set forth herein are true and correct to the best of my knowledge, information, and belief:

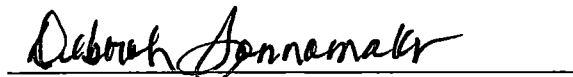
1. UUSA wishes to have withheld from public disclosure the following document:
  - Enclosure 1: Response to RAI for LAR 18-04, Addition of MCNP6
  - Enclosure 2: UUSA Safety Analysis Report Markup Pages
  - Enclosure 3: URENCO USA (UUSA) MCNP6 Verification, NCS-REP-003-01
2. The information contained in the documents cited in 1 above for which exemption from public disclosure is requested concern classified matter protection. UUSA requests that this information be exempt from disclosure pursuant to the provisions in 10 CFR Part 2.390(a)(4).
3. The information sought to be withheld is not available in public sources, to the best of UUSA' knowledge and belief.
4. The information stated in this affidavit has been submitted in accordance with the applicable parts of 10 CFR 2.390 and the guidance contained in NUREG-1556, Vol. 20, Appendix C.4.



Stephen Cowne  
Chief Nuclear Officer and Compliance Manager  
Louisiana Energy Services, LLC

2/6/2019  
Date

I certify the above named person appeared before me and executed this document on this 6 day of February 2019.



Notary Public  
My commission expires: 2-28-19

