

APR 11 2019
LES-19-065-NRC



ATTN: Document Control Desk
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: Supplemental 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)
3) LES-19-014-NRC, Response to LAR 18-04 RAI Addition of MCNP6 ([ADAMS] Accession Number ML 19042A129)

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). Reference 3 provided response to NRC questions and changes made as a result of the Reference 2 RAI.

Pursuant to verbal discussions with NRC staff, UUSA herewith provides supplemental response to the Reference 2 RAI. Enclosure 1 contains the UUSA Safety Analysis Report Markup Pages. Portions of Enclosure 1 have been highlighted to denote the supplemental changes. Enclosure 2 contains the URENCO USA (UUSA) MCNP6 Validation. Revision bars identify supplemental changes in Enclosure 2.

Enclosures 1 and 2 are intended to replace the UUSA Safety Analysis Report and URENCO USA (UUSA) MCNP6 Validation previously submitted to the NRC in References 1 & 2.

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

NSIRBI
NSIR
NMSS

LES-19-065-NRC

Enclosures: 1) UUSA Safety Analysis Report Markup Pages
2) URENCO USA (UUSA) MCNP6 Validation, NCS-REP-002-01
3) Affidavit

CC:

Karl Sturzebecher, Project Manager - UUSA
U.S. Nuclear Regulatory Commission
Karl.Sturzebecher@NRC.gov

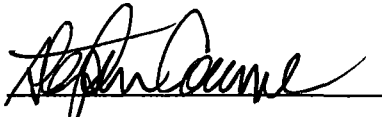
Jacob Zimmerman, Enrichment & Conversion Branch Chief
U.S. Nuclear Regulatory Commission
Office of Nuclear Material Safety and Safeguards
Jacob.Zimmerman@NRC.gov

Brannen Adkins Chief – Region II Projects Branch I Acting
U.S. Nuclear Regulatory Commission
Brannen.Adkins@NRC.gov

ENCLOSURE 3
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: UUSA Safety Analysis Report Markup Pages
 - Enclosure 2: URENCO USA (UUSA) MCNP6 Validation, NCS-REP-002-01
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

4/11/2019

Date

I certify the above named person appeared before me and executed this document on this 11th day of April 2019.



Notary Public

My commission expires: June 16, 2020



OFFICIAL SEAL
Verónica Romero
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 6/16/2020