

NOV 04 2014

LES-14-00124-NRC

Attn: Document Control Desk
Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Louisiana Energy Services, LLC
NRC Docket No. 70-3103

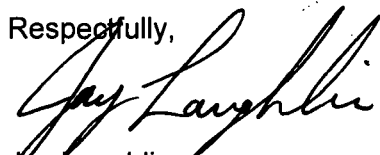
Subject: Bi-monthly Special Nuclear Material (SNM) and Source Material (SM)
Physical Inventory Report for the period August 6, 2014 through October
1, 2014

Pursuant to 10 CFR 74.17(a) and 10 CFR 74.33(c)(4), Louisiana Energy Services, LLC
(dba URENCO USA "UUSA"), herewith submits NRC Form 327 for the bi-monthly period
August 6, 2014 through October 1, 2014.

The enclosure contains information concerning UUSA's material control and accounting
program for special nuclear material. As such, the enclosure contains commercial or
financial information that is exempt from public disclosure in accordance with 10 CFR
2.390(d)(1). UUSA requests that the enclosure be withheld from public disclosure
pursuant to 10 CFR 2.390(d)(1).

Should there be any questions concerning this submittal, please contact Timothy
Knowles, UUSA Licensing and Performance Assessment Manager, at 575-394-6212.

Respectfully,



Jay Laughlin
Chief Nuclear Officer and Head of Operations

Enclosures:

1. Bi-Monthly Special Nuclear Material (SNM) and Source Material (SM)
Physical Inventory Report for the period August 6, 2014 through
October 1, 2014.

LM5901

CC without enclosures:

Peter J. Habighorst
Chief, Material Control and Accounting Branch
Office of Nuclear Material Safety and Safeguards
Mail Stop EBB-2-C-40m
Washington, DC 20555-0001

Mike G. Raddatz, Project Manager
U.S. Nuclear Regulatory Commission
Three White Flint North
Mailstop: 13A12M
Washington, DC 20555-0001

Brian Smith
Chief, Uranium Enrichment Branch
U.S. Nuclear Regulatory Commission
Three White Flint North
Mailstop: 13A12M
Washington, DC 20555-0001

Anthony T. Gody
Director, Division of Fuel Facility Inspection
US NRC, Region II
245 Peachtree Center Ave, NE
Suite 1200
Atlanta, GA 30303-1257

James A. Hickey
Branch Chief, Fuel Facility Branch 2
USNRC, Region II
245 Peachtree Center Ave, NE
Suite 1200
Atlanta, GA 30303-1257