



Nuclear Regulatory Commission
Exhibit # - NRC061-00-BD01
Docket # - 07007016
Identified : 7/11/2012

Admitted: 7/11/2012

Withdrawn:

Rejected:

Stricken:



NRC061

**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II**

245 PEACHTREE CENTER AVENUE, NE SUITE 1200
ATLANTA, GEORGIA 30303

June 10, 2010

David E. Sexton, Chief Nuclear Officer
and Vice President of Operations
National Enrichment Facility
P.O. Box 1789
Eunice, NM 88231

**SUBJECT: LOUISIANA ENERGY SERVICES, L.L.C., NATIONAL ENRICHMENT FACILITY,
DOCKET 70-3103, AUTHORIZATION TO INTRODUCE URANIUM
HEXAFLUORIDE INTO CASCADE NUMBER 1**

Dear Mr. Sexton:

This letter confirms our discussion of June 10, 2010, during which you were informed that the NRC has authorized the introduction of uranium hexafluoride (UF₆) into Cascade Number 1 at the Louisiana Energy Services, National Enrichment Facility (LES NEF) located in Eunice, New Mexico. This authorization is pursuant to the provisions of 10 CFR 70.32(k), that states, "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 the operational readiness reviews (ORR) conducted December 2009, through May 2010; and the results of construction and quality assurance inspections conducted since December 2006. These inspections found that the systems, structures, and components of your facility to support safe operation of Cascade Number 1 were constructed in accordance with the requirements of your license. Specifically, our inspections verified: (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, (2) the Quality Assurance Program was adequately implemented during construction; and (3) the construction of the IROFS was completed in accordance with the documents comprising the license application and the Integrated Safety Analysis Summary.

During our inspections, the NRC staff reviewed and inspected the programs, equipment, startup test results, procedures, and hazards and safety analyses. The staff also conducted interviews with LES NEF and contractor personnel including employees in operations, technical support and management. Details from the results of the construction, quality assurance, and ORR inspections are discussed in the inspection reports listed in Enclosure 1. The publically available inspection reports are accessible through the NRC's public electronic reading room, Agency-wide Document Access and Management System (ADAMS) at http://www.nrc.gov/reading_rm/adams.html, at the listed accession numbers.

Please note that this authorization does not apply to any cascade other than Cascade Number 1, and that it does not apply to processes or components associated with future phases of facility operations. Approval to introduce UF₆ into subsequent cascades will be addressed by separate correspondence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," this document may be accessed through ADAMS on the internet at <http://www.nrc.gov/readingrm/adams.html>.

Should you have any questions concerning this letter, please contact Deborah Seymour at (404) 997-4476.

Sincerely,

/RA/

Luis A. Reyes
Regional Administrator

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

Enclosure:
Table 1, LES NEF Inspection Report Number
and the Associated Adams Accession Numbers

cc w/encl: (See next page)

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Luis A. Reyes
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Table 1, LES NEF Inspection Report Number
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cc w/encl: (See next page)

■ PUBLICLY AVAILABLE □ NON-PUBLICLY AVAILABLE □ SENSITIVE ■ NON-SENSITIVE

ADAMS: ■ Yes ACCESSION NUMBER: **ML101610767** ■ SUNSI REVIEW COMPLETE

| | | | | | | | |
|--------------|--------------|---------------|---------|----------|--------------|---------------|--------------|
| OFFICE | RII:DCP | RII: DCP | RII:DCP | RII:DFFI | HQ:NMSS | HQ:NMSS | HQ: NMSS |
| SIGNATURE | DAS | RPC | ATG | JS | CH via email | MT via e-mail | MBvia e-mail |
| NAME | D. Seymour | R. Croteau | T. Gody | J. Shea | C. Haney | M. Tschiltz | M. Bailey |
| DATE | 6/2/10 | 6/2/10 | 6/2/10 | 6/2/10 | 6/10/10 | 6/7/10 | 6/7/10 |
| E-MAIL COPY? | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO |
| OFFICE | RII:DRAC/CCI | HQ:NMSS | RII:DCI | | | | |
| SIGNATURE | LPR | DD via e-mail | CRO | | | | |
| NAME | L. Plisco | D.Dorman | C. Ogle | | | | |
| DATE | 6/2/10 | 6/2/10 | 5/29/10 | | | | |
| E-MAIL COPY? | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO |

OFFICIAL RECORD COPY DOCUMENT NAME: G:\CC\DCP\CPB1\LES NEF\ORR LES 2009 AND 2010\FINAL ORR DOCUMENTS\LES DRAFT AUTHOR LETTER.DOC

cc w/encl:

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Perry Robinson, LES General Counsel
Louisiana Energy Services, L.L.C.
National Enrichment Facility
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Letter to David Sexton from Luis Reyes, dated June 10, 2010

SUBJECT: LOUISIANA ENERGY SERVICES, L.L.C., NATIONAL ENRICHMENT FACILITY,
DOCKET 70-3103, AUTHORIZATION TO INTRODUCE URANIUM
HEXAFLUORIDE INTO CASCADE NUMBER 1

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Table 1

| Inspection Report (IR) Numbers for Louisiana Energy Services, L.L.C., National Enrichment Facility (LES NEF, Docket No: 70-3103) and the Associated Adams Accession Numbers for the IRs | |
|--|---------------------------------------|
| IR NUMBER | ADAMS NUMBER |
| IR 2006-001 | ML070190661 |
| IR 2007-001 | ML071440430 |
| IR 2007-002 | ML072280647 |
| IR 2007-003 | ML073060571 |
| IR 2007-004 | ML080670475 |
| IR 2008-001 | ML081160345 |
| IR 2008-002 | ML081930118 |
| In Office Review | ML080670488 |
| IR 2008-003 | ML083040618 |
| IR 2008-004 | ML083540709 |
| IR 2008-005 | ML090610203 |
| IR 2008-006 | ML090790642 |
| IR 2009-001 | ML090850669 |
| IR 2009-002 | ML091770643 |
| IR 2009-003 | ML092730612 |
| IR 2009-004 | ML093511013 |
| IR 2009-006 | ML092820188 |
| IR 2009-007 (ORRs) | ML100271177 |
| IR 2009-008 (ORRs) | ML100770218 |
| IR 2010-005 (ORRs) | ML100850424 |
| IR 2010-006 (ORRs) | ML101230475 |
| IR 2010-007 (ORRs) | ML100900329 |
| IR 2010-008 (ORRs) | ML101170813 |
| IR 2010-009 (ORRs) | ML101300087 |
| IR 2010-010 (ORRs) | ML101480080 |
| IR 2010-201 (ORRs) (MC&A) | Not publicly available ML101190123 |
| IR 2010-202 (ORRs) | ML 101480060 |
| IR 2010-401 (ORRs) (Physical Security) | Not publicly available ML100650006 |