



SEP 24 2009

NEF-09-00183-NRC

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

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

Subject: Response to NRC Request for Additional Information on the LES  
Fundamental Nuclear Material Control Plan LAR-09-20

Reference:

- 1) NEF-09-00101-NRC, Letter from LES to NRC, LAR-09-20, Changes to LES Fundamental Nuclear Control Plan, June 8, 2009
- 2) Letter from NRC to LES, Request for Additional Information for License Amendment Request for the Fundamental Nuclear Material Control Plan, LAR-09-20, dated August 26, 2009
- 3) NEF-09-00004-NRC, Letter from LES to NRC, LAR-09-01, License Amendment Request for the Fundamental Nuclear Material Control Plan, Revision 7, January 9, 2009
- 4) Letter from NRC to LES, Louisiana Energy Services Request for Additional Information of Fundamental Nuclear Material Control Plan, Revision 7, July 8, 2009.
- 5) NEF-09-00168-NRC, Letter from LES to NRC, Response to Request for Additional Information on Fundamental Nuclear Material Control Plan, Revision 7, September 4, 2009

On June 8, 2009, Louisiana Energy Services (LES) submitted a Licensing Amendment Request (LAR-09-20) to revise the Fundamental Nuclear Material Control Plan (FNMCP), Reference 1. The changes included revisions to Section 5.2 (Nuclear Material Accounting Program) and Section 12.2 (Computer Control) of the FNMCP, which would allow LES the alternative of using a manual, computer-aided double entry nuclear material accounting system.

On August 26, 2009, LES received a Request for Additional Information (RAI) from the NRC regarding the amendment request, Reference 2.

NM5501

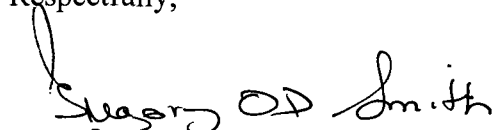
Attached as Enclosure 1 are responses to the NRC RAIs. As a result of our responses, a revision to the FNMCP page changes provided in the LAR is needed. Attached as Enclosure 2 are the FNMCP page changes, utilizing revision bars, red line strikethroughs, and new text insertion underlines.

As stated in the original LAR, these changes are dependent upon the approval of LAR-09-01 which was proposed on January 9, 2009 (Ref. 3) and later revised, as a result of RAIs (Ref. 4), on September 4, 2009 (Ref. 5). The original changes and revisions are reflected as dependent upon LAR-09-01 and the Revision to LAR-09-01. Attached as Enclosure 3 is the clean copy (no red line strikethroughs) of the FNMCP incorporating the responses to the RAIs.

Enclosures 1, 2 and 3 contain security-related information and disclosure to unauthorized individuals could present security vulnerabilities. Therefore, LES requests that these enclosures be withheld from public disclosure in accordance with 10 CFR 2.390.

LES appreciates the efforts of the NRC staff in supporting the review and approval of LAR 09-01 and LAR-09-20 in a timely manner. If you have any questions, please contact Stephen Cowne, LES Director Quality and Regulatory Affairs at 575.394.5253.

Respectfully,



Gregory OD Smith  
Chief Operating Officer and Chief Nuclear Officer

- Enclosures:
- 1) LES Response to NRC RAIs on the FNMCP LAR-09-20
  - 2) Page changes to the FNMCP with revision bars, strikethroughs and underlines
  - 3) Clean Copy of FNMCP

cc:

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