



SEP 04 2009

NEF-09-00168-NRC

Attn: Document Control Desk
Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

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

Subject: Response to Request for Additional Information on Fundamental Nuclear Material Control Plan, Revision 7

Reference: 1) 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
2) Letter from NRC to LES, Louisiana Energy Services Request for Additional Information on Fundamental Nuclear Material Control Plan, July 8, 2009

On January 9, 2009, Louisiana Energy Services (LES) submitted a Licensing Amendment Request (LAR) to revise the Fundamental Nuclear Material Control Plan (FNMCP), Revision 7, (Reference 1). On July 8, 2009 LES received a Request for Additional Information (RAI) from the NRC regarding the amendment (Reference 2).

Attached as Enclosure 1 are responses to the NRC RAIs 1 through 71. As a result of our responses, page changes were necessary to the FNMCP. The response to RAI 21 is associated with the LES FNMCP Chapter 9 which is a Classified document. The NRC RAI and the LES response are not classified and have been included in this RAI response transmittal. Attached as Enclosure 1 are the NRC RAIs and the LES responses indicating how the FNMCP will be revised in response to the RAI. Attached as Enclosure 2 are the FNMCP page changes, utilizing revision bars, and red line strikethroughs and new text insertion underlines. The LES response for RAI 21 has only the NRC RAI, the LES response, and a reference to the section number in Chapter 9 that will be revised. LES will transmit a subsequent License Amendment Request (LAR) to update Chapter 9 in its entirety and will include this LES commitment (RAI 21 response) in that LAR. Attached as Enclosure 3 is the clean copy (no red line strikethroughs) of the FNMCP incorporating the


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responses to RAI 1 through 20 and 22 through 71. Enclosure 3 serves as the technical basis for the changes proposed in the License Amendment Request to the FNMCP.

The enclosures contain security-related information and disclosure to unauthorized individuals could present security vulnerabilities. Therefore, LES requests that the 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 these RAI responses in support of LAR 09-01 in a timely manner. If you have any questions, please contact Stephen Cowne, LES Director of Quality and Regulatory Affairs at 575.394.5253.

Respectfully,



Dave Sexton for
Gregory OD Smith
Chief Operating Officer and Chief Nuclear Officer

- Enclosures:
- 1) LES Responses to NRC Request for Additional Information (RAIs) on the FNMCP
 - 2) Page changes to the FNMCP with revision bars, strikethroughs and underlines
 - 3) Revised (Clean Copy) FNMCP

cc:

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