

April 22, 2005

NEF#05-021

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

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

Subject: Revision to Applications for a Material License Under 10 CFR 70, "Domestic licensing of special nuclear material," 10 CFR 40, "Domestic licensing of source material," and 10 CFR 30, "Rules of general applicability to domestic licensing of byproduct material"

- References:
1. Letter NEF#03-003 dated December 12, 2003, from E. J. Ferland (Louisiana Energy Services, L. P.) to Directors, Office of Nuclear Material Safety and Safeguards and the Division of Facilities and Security (NRC) regarding "Applications for a Material License Under 10 CFR 70, Domestic licensing of special nuclear material, 10 CFR 40, Domestic licensing of source material, and 10 CFR 30, Rules of general applicability to domestic licensing of byproduct material, and for a Facility Clearance Under 10 CFR 95, Facility security clearance and safeguarding of national security information and restricted data"
 2. Letter NEF#04-002 dated February 27, 2004, from R. M. Krich (Louisiana Energy Services, L. P.) to Director, Office of Nuclear Material Safety and Safeguards (NRC) regarding "Revision 1 to Applications for a Material License Under 10 CFR 70, "Domestic licensing of special nuclear material," 10 CFR 40, "Domestic licensing of source material," and 10 CFR 30, "Rules of general applicability to domestic licensing of byproduct material"
 3. Letter NEF#04-029 dated July 30, 2004, from R. M. Krich (Louisiana Energy Services, L. P.) to Director, Office of Nuclear Material Safety and Safeguards (NRC) regarding "Revision to Applications for a Material License Under 10 CFR 70, "Domestic licensing of special nuclear material," 10 CFR 40, "Domestic licensing of source material," and 10 CFR 30, "Rules of general applicability to domestic licensing of byproduct material"

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24 c/s Advanced
to: Tim Johnson

4. Letter NEF#04-037 dated September 30, 2004, from R. M. Krich (Louisiana Energy Services, L. P.) to Director, Office of Nuclear Material Safety and Safeguards (NRC) regarding "Revision to Applications for a Material License Under 10 CFR 70, "Domestic licensing of special nuclear material," 10 CFR 40, "Domestic licensing of source material," and 10 CFR 30, "Rules of general applicability to domestic licensing of byproduct material"

By letter dated December 12, 2003 (Reference 1), E. J. Ferland of Louisiana Energy Services (LES), L. P., submitted to the NRC applications for the licenses necessary to authorize construction and operation of a gas centrifuge uranium enrichment facility. Revision 1 to these applications was submitted to the NRC by letter dated February 27, 2004 (Reference 2). Subsequent revisions (i.e., revision 2 and revision 3) to these applications were submitted to the NRC by letters dated July 30, 2004 (Reference 3) and September 30, 2004 (Reference 4), respectively.

Conference calls and meetings between representatives of LES and the NRC have been conducted since the submittal of the Reference 4 letter. Responses to some additional NRC requests for information have also been provided since the submittal of the Reference 4 letter. The changes resulting from these conference call clarifications, meetings, and requests for information are reflected in the enclosed Revision 4 to the Safety Analysis Report (SAR), Revision 4 to the Integrated Safety Analysis (ISA) Summary, Revision 3 of the Emergency Plan, Revision 4 of the Environmental Report, and Revision 4 to the Fundamental Nuclear Material Control (FNMC) Plan, as applicable. To facilitate the incorporation of the revision into the License Application and ISA Summary, page removal and insertion instructions are enclosed. No changes are made to the Physical Security Plan, the Safeguards Contingency Plan, the Guard Force Training and Qualification Plan, the Standard Practice Procedures Plan for the Protection of Classified Matter, or the classified portion of the FNMC Plan.

The changes included in this revision to the License Application and ISA Summary predominately result from conference call clarifications, meetings, and requests for information. Some of the changes also involve the correction of identified errata. These errata include minor editorial corrections/clarifications and typographical errors. The License Application and ISA Summary, updated through the specified revision of each of the affected License Application and ISA Summary documents, continue to meet the applicable requirements of 10 CFR 70.22, "Contents of applications," 10 CFR 40.31, "Application for specific licenses," and 10 CFR 30.32, "Application for specific licenses," as described in the Reference 1 letter.

Some of the updated pages contain information that LES considers to be proprietary in accordance with 10 CFR 2.390, "Public inspections, exemptions, requests for withholding," paragraph (d)(1). Accordingly, we request that the updated pages that contain proprietary information be withheld from public disclosure.

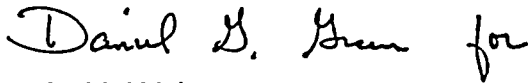
Enclosure 1 provides the proprietary version of the updated License Application and ISA Summary pages. Enclosure 2 provides the non-proprietary version of the updated License Application and ISA Summary pages. In the proprietary version, i.e., Enclosure 1, the pages that contain proprietary information include the marking "Proprietary Information" consistent with 10 CFR 2.390 (d)(1) and, unless the entire page is considered to include information which is

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considered proprietary, the information which is considered proprietary is bracketed. In the non-proprietary version, i.e., Enclosure 2, the pages or portions of pages that contain proprietary information are withheld.

If you have any questions, please contact me at 630-657-2813.

Respectfully,



R. M. Krich
Vice President – Licensing, Safety, and Nuclear Engineering

Enclosures:

1. Proprietary Version of Updated License Application and ISA Summary Pages
2. Non-proprietary Version of Updated License Application and ISA Summary Pages

cc: T. C. Johnson, NRC Project Manager
M. C. Wong, NRC Environmental Project Manager