

October 6, 2004

NEF#04-043

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: Clarifying Information Regarding Response to NRC Request for Additional  
Information ISA-61

- 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 dated April 19, 2004, from T. C. Johnson (NRC) to R. Krich (Louisiana Energy Services) regarding "Request for Additional Information on Louisiana Energy Services Project License Application"
  4. Letter NEF#04-018 dated May 19, 2004, from R. M. Krich (Louisiana Energy Services, L. P.) to Director, Office of Nuclear Material Safety and Safeguards (NRC) regarding "Response to NRC Request for Additional Information Regarding National Enrichment Facility Safety Analysis Report and Emergency Plan"

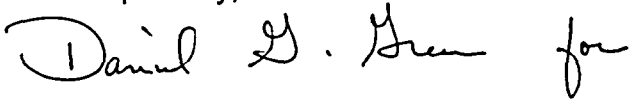
NHSSO

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). By letter dated April 19, 2004 (Reference 3), the NRC provided the initial technical review of the license application and requested additional information and clarifications be provided.

The Reference 3 letter includes NRC Request for Additional Information (RAI) ISA-61, which requested, in part, that a discussion of the basis be provided for concluding that the electrical system is not an Item Relied on For Safety for the Technical Services Building (TSB) Gaseous Effluent Vent System (GEVS). The LES response to NRC RAI ISA-61 was provided in the Reference 4 letter. In a September 21, 2004, conference call between LES and NRC representatives, the NRC requested that the response to NRC RAI ISA-61 be clarified to address the impact of a loss of offsite power on the associated Integrated Safety Analysis accident sequence involving the TSB GEVS. This information is included, in the form of a revised response to NRC RAI ISA-61, in the Enclosure, "Clarifying Information Regarding Response to NRC Request for Additional Information ISA-61."

If you have any questions or need additional information, please contact me at 630-657-2813.

Respectfully,

A handwritten signature in cursive script that reads "Daniel D. Green" followed by a small flourish.

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

Enclosure:

Clarifying Information Regarding Response to NRC Request for Additional Information ISA-61

cc: T.C. Johnson, NRC Project Manager

**ENCLOSURE**

**Clarifying Information Regarding Response to  
NRC Request for Additional Information ISA-61**

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