

MAR 31 2010

LES-10-00063-NRC

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

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

Subject: License Basis Documents Update

- Reference:
- 1) Letter from NRC to LES, License Amendment Request for the National Enrichment Facility to Operate While Constructing (LAR 09-14) (TAC No. L32849), March 11, 2010
  - 2) LES-10-00021-NRC, License Basis Documents Annual Update, dated January 29, 2010

In accordance with 10 CFR 70.72(c), Section 19 of the LES QAPD and 10 CFR 70.32, Louisiana Energy Services, LLC (LES) is allowed to make changes to Licensing Basis Documents (LBDs) under LES' approval authority. This submittal to the NRC provides updates on changes LES has made to the Safety Analysis Report, Quality Assurance Program Description, Environmental Report, Emergency Plan, and Integrated Safety Analysis Summary. This update also incorporates the final page changes to the Safety Analysis Report and Integrated Safety Analysis Summary requested by the NRC in Reference 1. This is the first LBD update to follow the Reference 2 annual submittal. A companion update to the Fundamental Nuclear Material Control Plan is being submitted under separate cover letter.

Attached as Enclosures 1 through 5 are marked up pages to the respective LBDs. Revision bars, strikethroughs and underlines were utilized to show the changes. Attached as Enclosures 6 through 10 are complete clean copies of the respective LBDs. A description of each change is provided in the revision history.

Enclosures 4 and 9 contain security-related information and disclosure to unauthorized individuals could present security vulnerabilities. Therefore, Louisiana Energy Services requests that these enclosures be withheld from public disclosure in accordance with 10 CFR 2.390.

If you have any questions concerning this submittal, please contact Gary Sanford, LES Director, Quality and Regulatory Affairs at 575.394.5407.

Respectfully,



Gregory OD Smith  
Chief Operating Officer and Chief Nuclear Officer

KIMSSO1

**Enclosures:**

- 1) Page changes to the Safety Analysis Report showing changes made under Revision 25.
- 2) Page changes to the Quality Assurance Program Description showing changes made under Revision 25.
- 3) Page changes to the Environmental Report showing changes made under Revision 18.
- 4) Page changes to the Emergency Plan showing changes made under Revision 14.
- 5) Page changes to the Integrated Safety Analysis Summary, Revision 15
- 6) Clean copy of Quality Assurance Program Description, Revision 25.
- 7) Clean copy of Safety Analysis Report, Revision 25.
- 8) Clean copy of Environmental Report, Revision 18.
- 9) Clean copy of Emergency Plan, Revision 14.
- 10) Clean copy of the Integrated Safety Analysis Summary, Revision 15

cc:

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