

JAN 19 2010

LES-10-00015-NRC

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

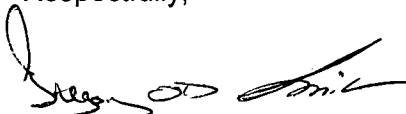
Louisiana Energy Services, LLC  
NRC Docket No. 70-3103

Subject: Louisiana Energy Services Program Readiness in Support of NRC  
Operational Readiness Review

The Louisiana Energy Services, LLC (LES) Program Readiness Assessments have been completed for each of the following LES programs: The Integrated Safety Analysis (ISA); Nuclear Criticality Safety; and Operator Training. These programs are ready with the exceptions identified in the respective program readiness letters enclosed.

Should you have any questions or comments, please contact Gary Sanford, LES Director of Quality and Regulatory Affairs at 575.394.5407.

Respectfully,



Gregory OD Smith  
Chief Operating Officer and Chief Nuclear Officer

Enclosure: 1) Integrated Safety Analysis (ISA) Program Letter  
2) Nuclear Criticality Safety Program Letter  
3) Operator Training Program Letter

NIMS01

cc:

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The Integrated Safety Analysis (ISA) Program is ready for the NRC to inspect.

The ISA Program assures IROFS are fully identified and properly classified within the ISA Summary and that facility changes are properly identified, evaluated and incorporated to meet regulatory requirements. Program procedures are in place and more than fifteen ISA Team Meetings have been held. License Basis Documents (LBDs) and supporting ISA documents have been revised to reflect approved changes to the facility.

List any exceptions to your program below.

1. Safe-by-Design (SBD) Tables for the Cascade, Product, Tails and Contingency Dump systems in Section 3.7 and associated text of the ISA Summary and SBD Boundary Definition Document need to be updated to reflect revised criticality analyses and evaluations by 29-Jan-2010.
2. ISA Impact Evaluations, Team Meetings and resulting LBD changes for Configuration Changes (CCs) and Modifications (Mods) that are in progress.
3. LBD changes for License Amendment Requests (LARs) that are in progress, such as LAR-09-14, Operate While Constructing.

*Rick Kohrt / Paul Melt*  
Program Owner 15-Jan-2010

*Jim Loughlin* 1-15-10  
Program Owner's Director

*J. A. Ray* 1-15-10  
Vice President of Operations



The Nuclear Criticality Safety Program is ready for the NRC to inspect.

1. The criticality safety program procedures are approved, published, and ready for review.
2. Criticality Safety Analyses are completed for plant systems that process enriched material.
3. Receipt inspections of components for safe-by-design attributes are performed as components are received.
4. Field verifications of safe-by-design attributes are being performed as system components are installed in the facility.
5. Out-of-tolerance measurements discovered in field verifications are evaluated or re-analyzed to determine an appropriate resolution.

List any exceptions to your program below.

1. Verification of for Safe-by-Design Attributes for certain system components and miscellaneous components are not yet complete, pending receipt and/or final installation of these items. This effort is scheduled to complete with the final verification of the Cascade Evacuation Rig on 21 February 2010.
2. The Criticality Accident Alarm System will be ready for operations (construction complete) on 18 January 2010.

Steven Troyer / SA Troy 11/15/2010  
Program Owner/Date

AW Sonnell 11/15/10  
Program Owner's Director/Date

J. A. Rut 11-15-10  
Vice President of Operations/Date



The Operator Training Program is ready for the NRC to inspect.

### Exceptions to the Operator Training Program

- Operator Certification Program system qualifications will be completed as follows:

<b>System:</b>	<b>Completion Date</b>
Gaseous Effluent Ventilation System	In progress, will be completed by 1/25/10
Tails System*	In progress, will be completed by 1/25/10
Compressed Air System	In progress, will be completed by 1/25/10
Product System*	In progress, will be completed by 1/26/10
Dump System	In progress, will be completed by 1/29/10
Sampling	In progress, will be completed by 2/2/10
Feed System*	In progress, will be completed by 2/5/10
Cascade System	In progress, will be completed by 2/7/10
Plant Control System (PCS)	In progress, will be completed by 2/23/10
Standby Diesels	In development, will be completed by 3/8/10
Centrifuge Cooling Water System	In development, will be completed by 4/16/10

\*Delta Training between SP5 (Almelo) and NEF
- IROFS and Operations Requirement Manual (ORM) training is on-going as Boundary Definition Documents and procedures are approved. Crews have been trained on a majority of the IROFS and associated ORM sections except for recently identified or revised IROFS, such as the IROFS50 series for Operating While Constructing. Training on these new or revised IROFS will be completed by 1/25/2010.

Jim Knowles 1/15/10  
Program Owner/Date

Ann Small 1/15/10  
Program Owner's Director/Date

Jim Reed 1-15-10  
Vice President of Operations/Date