

**OFFICIAL USE ONLY – SECURITY RELATED INFORMATION**

May 22, 2012

Mr. Jay Laughlin  
Licensing Manager  
Louisiana Energy Services, LLC  
P.O. Box 1789  
Eunice, NM 88231

SUBJECT: LICENSE AMENDMENT REQUEST 11-11 REQUEST TO ADD TC-21  
CENTRIFUGES TO SAFETY ANALYSIS REPORT TABLE 5.1-2 “SAFETY  
CRITERIA FOR BUILDINGS/SYSTEMS/COMPONENTS” (TAC L33182)  
AMENDMENT 54

Dear Mr. Laughlin:

On September 22, 2011, Louisiana Energy Services (LES) transmitted a request add the TC-21 centrifuges to Safety Analysis Report (SAR) Table 5.1-2, “Safety Criteria for Buildings/Systems/Components”. To determine if this request should be granted, we considered the SAR supplied with the request, supplementary information provided dated October, 28, 2011, as well as your responses to our requests for additional information dated March 13, 2012. Lastly, we conducted a site visit the week of March 19, 2012, to verify the information provided.

The U.S. Nuclear Regulatory Commission (NRC) staff has completed its review and determined that LES was correct in the assertion that the TC-21 centrifuges did not create a new accident sequence or credible event that would need to be mitigated by the identification of “Items Relied On For Safety.” Thus, no changes to the Integrated Safety Analysis were required.

Based on these conclusions, the amendment request is approved, and license SNM-2010 has been modified to reflect this action. We have also attached an SAR, documenting the review as Enclosure 1. Your amended license, SNM-2010 (Amendment 54), is attached as Enclosure 2.

Because the activities of this ammendmet involve administrative actions, the NRC staff determined that the proposed activities do not individually or cumulatively have a significant effect on the human environment. Therefore, in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 51.22(c)(11), neither an Environmental Assessment nor an Environmental Impact Statement is warranted for this action.

Document transmitted contains  
Security Related Information.  
When separated from  
Enclosure 1 this document is  
decontrolled.

**OFFICIAL USE ONLY – SECURITY RELATED INFORMATION**

J. Laughlin

2

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Work performed under this Technical Assignment Control (TAC No L33182) is complete and the TAC is now closed. If you have any questions regarding this letter, please contact Mr. Michael Raddatz at 301-492-3108, or via e-mail to [Michael.Raddatz@nrc.gov](mailto:Michael.Raddatz@nrc.gov).

Sincerely,  
**/RA/**

Brian W. Smith, Chief  
Uranium Enrichment Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 70-3103  
License No. SNM-2010

Enclosures:

1. Safety Evaluation Report
2. License Amendment 54

cc: w/o enclosures

Document transmitted contains Security Related Information. When separated from Enclosure 1 this document is decontrolled.

William Szymanski/DOE  
Sam D. Cobb/Hobbs  
Marilyn Burns/Tatum  
Glen Hackler/Andrews  
Gary Schubert/Lea County  
Daniel Stenger/H&H  
Gary King/NMAG  
Joseph Malherek/PC  
Mary Rose/NMED

Alton Dunn/Jal  
Dixie Drummond/Lovington  
Lindsay Lovejoy/NIRS  
Michael Marriotte/NIRS  
Richard Ratliff/Texas  
Carol O'Claire/Ohio  
Ryan Flynn/NMED  
Butch Tongate/NMED

Gregory Smith/LES  
David Sexton/LES  
Clint Williamson/LES  
Matt White/Eunice  
Lee Cheney/CNIC  
Roger Mulder/Texas  
Dave Martin/NMED  
Michael Ortiz/NMED

**OFFICIAL USE ONLY – SECURITY RELATED INFORMATION**

J. Laughlin

2

In accordance with 10 CFR 2.390 of the NRC’s “Rules of Practice,” a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of NRC’s Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Work performed under this Technical Assignment Control (TAC No L33182) is complete and the TAC is now closed. If you have any questions regarding this letter, please contact Mr. Michael Raddatz at 301-492-3108, or via e-mail to [Michael.Raddatz@nrc.gov](mailto:Michael.Raddatz@nrc.gov).

Sincerely,  
**/RA/**

Brian W. Smith, Chief  
Uranium Enrichment Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 70-3103  
License No. SNM-2010

Enclosures:

1. Safety Evaluation Report
2. License Amendment 54

cc: w/o enclosures

Document transmitted contains Security Related Information. When separated from Enclosure 1 this document is decontrolled.

William Szymanski/DOE  
 Sam D. Cobb/Hobbs  
 Marilyn Burns/Tatum  
 Glen Hackler/Andrews  
 Gary Schubert/Lea County  
 Daniel Stenger/H&H  
 Gary King/NMAG  
 Joseph Malherek/PC  
 Mary Rose/NMED

Alton Dunn/Jal  
 Dixie Drummond/Lovington  
 Lindsay Lovejoy/NIRS  
 Michael Marriotte/NIRS  
 Richard Ratliff/Texas  
 Carol O’Claire/Ohio  
 Ryan Flynn/NMED  
 Butch Tongate/NMED

Gregory Smith/LES  
 David Sexton/LES  
 Clint Williamson/LES  
 Matt White/Eunice  
 Lee Cheney/CNIC  
 Roger Mulder/Texas  
 Dave Martin/NMED  
 Michael Ortiz/NMED

**DISTRIBUTION:**

|                   |              |            |              |             |
|-------------------|--------------|------------|--------------|-------------|
| RidsNmssOd r/f    | FCSS, r/f    | UEB, r/f   | JWeil, OCA   | WMaier, RIV |
| DSeymour, RII     | RHannah, RII | AGody, RII | CTaylor, RII |             |
| LES website – yes |              |            |              |             |

**ML121420171**

|               |          |          |           |         |
|---------------|----------|----------|-----------|---------|
| <b>OFFICE</b> | UEB      | TSB      | UEB       | UEB     |
| <b>NAME</b>   | MRaddatz | CTripp   | TRichmond | BSmith  |
| <b>DATE</b>   | 05/21/12 | 05/22/12 | 05/ 22/12 | 05/2212 |

**OFFICIAL RECORD COPY**