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LES-11-00169-NRC

U. S. Nuclear Regulatory Commission  
NRC Headquarters Operations Center  
ATTN: Document Control Desk  
Division of Incident Response Operations  
Washington, D.C. 20555-0001

Louisiana Energy Services, LLC  
NRC Docket Number: 70-3103

Subject: Second Interim Report for Potential 10 CFR 21 Notification

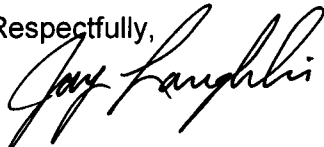
Reference: Interim Report for Potential 10 CFR 21 Notification dated October 21  
2011, Accession Number ML11298A191

In Louisiana Energy Services, LLC (LES) letter to NRC, "Interim Report for Potential 10 CFR 21 Notification" dated October 21, 2011, LES provided an initial Interim Report in regard to the subject potential noncompliance. LES is providing this second Interim Report in is providing this letter in accordance with 10 CFR 21, which requires submittal of an interim report if an evaluation of an identified deviation or failure to comply cannot be completed within 60 days from discovery. On August 24, 2011 the failure to comply was discovered.

The reporting requirements are detailed in 10 CFR 21.21(a)(2). The Interim Report, (Enclosure), details the requirements of the aforementioned CFR.

If you have any questions, please contact Zackary Rad, UUSA Licensing Manager at 575-394-6689.

Respectfully,



Jay Laughlin,  
Chief Nuclear Officer and Head of Technical Services

Enclosure: Second Interim Report for Potential 10 CFR 21 Notification

JE20

cc:

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**ENCLOSURE 1**

***Interim Report***

Name of individual preparing this report:

Charles Slama, Licensing Engineer, UUSA

Name of the firm constructing or supplying the basic component which contains the deviation or fails to comply:

Engineered Products Department (EPD)  
PO Box 2138  
Carlsbad, NM 88221

Description of the deviation or failure to comply which is being evaluated:

On 24 August, 2011 undersized welds were identified on lower cascade steel T-column to base plate connections which are installed in cascade 5, mini-hall 2B (reference NCR 2011-2710). The welds do not comply with the applicable design drawings and AWS D1.1 and are currently being evaluated for the potential to cause substantial safety hazards. Through paint assessments revealed that this condition extended to mini-halls 1C, 2A, 2B and 2C.

Through paint assessments were followed up with AWS D1.1 inspections with paint removed in mini-hall 1C. The code inspections have been performed in mini-hall 1C due to unhindered access to all the lower cascade steel in this hall. 1728 (100%) T-column to base plate welds were inspected in the four cascades in mini-hall 1C. Of these, 269 welds were found to have code conformance issues. These nonconformances were documented and engineering change requests prepared for analysis by the UUSA design agent who is the Engineer of Record, Enrichment Technology Company (ETC). The analysis performed by ETC concluded that the affected structures are capable of performing their intended design function. With this information it has been determined that currently documented weld nonconformances do not constitute a substantial safety hazard.

UUSA is continuing sample inspections of EPD lower steel in other high utilization weld locations to determine if any nonconformances exist that require evaluation for the potential to cause substantial safety hazards. A follow-up report will be submitted upon completion of these final inspections and their design impact evaluation.

The date on which the information of suspect deviation defect or failure to comply was obtained:

24 August, 2011

The date on which the evaluation is expected to be complete:

31 March, 2012