

Fuel Cycle Facility

Event # 46696

<b>Facility:</b> LOUISIANA ENERGY SERVICES	<b>Notification Date / Time:</b> 03/24/2011 19:02 (EDT)
<b>Licensee:</b> LOUISIANA ENERGY SERVICES, L.P.	<b>Event Date / Time:</b> 01/28/2011 (MDT)
<b>Fac Type:</b>	<b>Last Modification:</b> 03/24/2011
<b>Region:</b> 2	<b>Docket #:</b> 70-3103
<b>City:</b> EUNICE	<b>Agreement State:</b> Yes
<b>County:</b> LEA	<b>License #:</b> SNM-2010
<b>State:</b> NM	
<b>NRC Notified by:</b> JACK ROLLINS	<b>Notifications:</b> DANIEL RICH R2DO
<b>HQ Ops Officer:</b> PETE SNYDER	PART 21 MATERIALS GR EMAIL
<b>Emergency Class:</b> NON EMERGENCY	
<b>10 CFR Section:</b> 21.21	UNSPECIFIED PARAGRAPH

## TURNBUCKLE COLLAR THREADS OUT OF TOLERANCE

"Name of firm constructing or supplying the basic component which fails to comply or contains a defect: OFI Fabrication, Richmond, VA.

"Safety Hazard: Failure of turnbuckles could ultimately cause a failure of IROFS41 (i.e. breach of UF6 piping) during a seismic event resulting in release of licensed material, but this release would not exceed 10 CFR 70.61 requirements for the public or workers.

"The date on which the information or such defect or failure to comply was obtained: January 28, 2011.

"In a case of a basic component which contains a defect or a failure to comply, the number and location of all such components in use at or supplied for the URENCO USA Facility: Currently there are 164 non-defective components installed and 96 non-defective components in storage.

"The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action: Replacement NQA-1 turnbuckles were installed; and the Receipt Inspection Plan (RIP) for turnbuckles (collar as well as paddle assembly) was revised to include 100 percent verification of thread tolerances. All out of tolerance turnbuckle collars were returned to the vendor.

"Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees: Implement 100 percent verification of turnbuckle collar thread tolerances using appropriate 'Go-No Go' thread gauges."

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NMSS

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**URENCO USA Facility Part 21 Facility Report**

Licensee: Louisiana Energy Services Date: March 24, 2011  
Docket Number: 70-3103  
Facility: URENCO USA Facility  
Location: Lea County, New Mexico  
Mailing Address: Louisiana Energy Services, LLC  
P.O. Box 1789  
Eunice, NM 88231

1. Name of individual preparing this report: **Jack Rollins (Licensing Engineer).**
2. Name of the firm constructing or supplying the basic component which fails to comply or contains a defect: **OFI Fabrication, Richmond, VA.**
3. Nature of the defect or failure to comply and the safety hazard which is created or could be created by such defect or failure to comply:  
**Defect: Turnbuckle Collar Threads out of Tolerance.**  
**Safety Hazard: Failure of turnbuckles could ultimately cause a failure of IROFS41 (i.e., breach of UF6 piping) during a seismic event resulting in release of licensed material, but this release would not exceed 10 CFR 70.61 requirements for the public or workers.**
4. The date on which the information of such defect or failure to comply was obtained: **January 28, 2011.**
5. In case of a basic component which contains a defect or a failure to comply, the number and location of all such components in use at or supplied for the URENCO USA Facility: **Currently there 164 non-defective components installed and 96 non-defective components in storage.**
6. The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action: **Replacement NQA-1 turnbuckles were installed; and the Receipt Inspection Plan (RIP) for turnbuckles (collar as well as paddle assembly) was revised to include 100 percent verification of thread tolerances. All out of tolerance turnbuckle collars were returned to the vendor.**
7. Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees: **Implement 100 percent verification of turnbuckle collar thread tolerances using appropriate "Go-No Go" thread gauges.**

cc: Rickey Page/Engineering Director