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NEF-07-00019-NRC

ATTN: Document Control Desk  
Director  
Office of Nuclear Material Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
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Louisiana Energy Services  
National Enrichment Facility  
License Number: SNM-2010  
NRC Docket Number: 70-3103

Subject: 10 CFR 70.50(c)(2) 30-day follow-up Report

Reference: February 8, 2007 Concurrent Notification

Louisiana Energy Services (LES) National Enrichment Facility (NEF) is providing this letter report in accordance with 10 CFR 70.50(c)(2), requiring submittal of a follow-up report within 30-days of the initial concurrent notification report made on February 8, 2007 detailing the non-radiological, non-injury equipment rollover event, and petroleum liquids fire.

**Caller's name, position title, and call-back telephone number:**

Vernon Hull, Licensing Engineer, 505-394-5258

**Date, time, and exact location of the event:**

Date and time of the incident: Approximately 17:15 hours on February 7, 2007

Location of the incident: National Enrichment Facility construction site in Lea County, New Mexico (just north of Highway 176 approximately 1/2 mile west of the New Mexico/Texas border)

**Description of the event, including:**

The incident occurred as the operator of the Caterpillar Model 623G Wheeled Tractor Scraper, used to excavate, transport, and dump soil, was traveling in seventh gear (22 mph) in wet and loose soil conditions. As he began slowing down to make a right turn onto the haul road, the equipment left the roadway and flipped, ending upside down on the cab. The operator was wearing his seatbelt and the rollover protection maintained its integrity; the operator performed self rescue from the cab before the engine compartment and cab became engulfed in flames. The operator was not hurt nor were any of the responders. The site excavation operation went into an immediate stand down pending the incident investigation and completion of a recovery plan.

**External conditions affecting the event:**

There were no external conditions affecting the event. The sun was shining and visibility was >1-mile.

**Additional actions taken by LES in response to the event:**

A 5-day construction stand down was implemented immediately and Caterpillar Company was contracted to provide supplemental training for all 1<sup>st</sup> line supervisors and operators for all equipment operations and the development and application of safe work plans and Job Hazard Analyses (JHAs). Also implemented were slower speeds, (i.e., 6<sup>th</sup> gear (17 mph)) and 200-foot haul pattern spacing along with directives to minimize water use and adjust water patterns when controlling fugitive dust. Approximately 20 cubic yards of impacted soil was removed from the accident location and taken off-site by the construction crew.

**Status of the event (e.g., whether the event is on-going or was terminated):**

Given that the operational aspects of the event have been addressed and the environmental release remediated, the event has been terminated.

**Current and planned site status, including any declared emergency class:**

Currently, construction activities are ongoing.

**Notifications, related to the event, that were made or are planned to any local, State, or other Federal agencies:**

In accordance with the Spill Prevention, Containment, and Countermeasures Plan, the National Response Center and the New Mexico Environmental Department were notified. The NRC Operations Center was notified concurrently as required by Appendix A of 10 CFR 70.50.

**Status of any press releases, related to the event, that were made or are planned:**

No press releases were made relative to this event and none are planned.

**The probable cause of the event, including all factors that contributed to the event and the manufacturer and model number (if applicable) of any equipment that failed or malfunctioned is provided below:**

The probable cause of the event was driving too fast for conditions.

**Corrective actions taken or planned to prevent occurrence of similar or identical events in the future and the results of any evaluations or assessments are:**

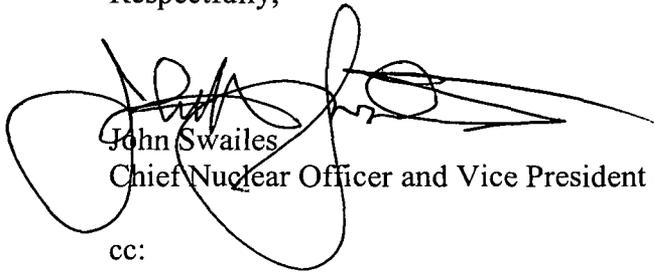
1. Operators received additional training from CAT vendor. Contractor changed safe work plans and JHA.
2. Overall speeds in haul pattern have been reduced to no higher than 6<sup>th</sup> gear (17 mph), no passing in haul pattern, all scrapers will maintain 200 ft. spacing.
3. Competent person assigned to monitor changes of soil and adjust haul speeds and haul patterns when necessary.
4. Water truck operators instructed on how to adjust water patterns and limit water in order to maintain dust control.

**LES NEF is subject to Subpart H of 10 CFR 70.50(c)(2), a discussion of whether the event was identified and evaluated in the Integrated Safety Analysis (ISA) is provided below:**

The Integrated Safety Analysis (ISA) identifies potential accident sequences in facility operations, designates items relied on for safety (IROFS) to either prevent such accidents or mitigate their consequences to an acceptable level, and describes management measures to provide reasonable assurance of the availability and reliability of IROFS. This particular construction activity occurred prior to operations and is therefore not relevant to the ISA.

If you have any questions please contact Jim Freels, Licensing Manager (Acting) at 505-394-4646.

Respectfully,



John Swailes  
Chief Nuclear Officer and Vice President of Operations

cc:

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